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Nov 4th

The Hon.
The Minister of Agriculture
Sir.
Regarding the letter
received from the Department to-day enclosing
a note from the Crown Lands Office Toronto
I may state that the "Pigeon Berries" referred
to are not "Poke Weed" which does not grow
wild East of Toronto but are evidently
Cornus Canadensis (Bunch Berry).

Cornus Canadensis grows abundantly
on all cold damp soils as well as on land
where forest has grown but has been partly des-
troyed by fire. From the wording of the ex-
tract I am inclined to think the soil of
the district is a light sandy loam and
has been burnt over a number of times
by forest fires. I have never seen the distri[ct] in

in question is west of Sudbury and ~~wi~~ ~~west of~~ Cannafeeir from actual knowledge

I have the honor to be

Sir

Your obedient Servant.

John Macoun

~~Nov. 28th~~

Nov. 28th 1884

My dear Sir,

I forward by this mail, as you desired four (4) copies of my last report or rather Part I of the Polypetalae.

The catalogue price is twenty five cents. This is a small sum but Mr. Selwyn says he only wants a nominal price put on.

Very truly yours
John Macoun.

E. H. Gardiner Esq.
311 Queen St.
Kingston

~~Oct. 28th~~
Nov. 23rd 1884

My dear Sir.

I forward by this mail, as you desired, four (4) copies of my last report on Canadian Part I of the Polypetalae.

The Catalogue price is twenty-five cents. This is a small sum but the Catalogue Dept. he only wants a nominal price put on.

Very truly yours
John Macoun.

To. Fr. Gardiner Esq.
311 Queen St.
Kingston

Feb 24th 5

My Dear Professor

Yesterday I wrote Prof. Sheldon and mentioned the dispatch of the box addressed to him containing the grasses for you both. The letter to him will explain some things to you. Your questions I answer by number.

(1) I never saw an earthworm on the prairies nor have I ever heard of one being seen by any of the surveyors. Had Darwin limited their powers to cultivated lands he would have hit it as they belong to cultivation evidently in the North.

(2). Wild Oats as applied to the Prairie means Stipa spartea. The wild oats of Ontario I don't know as farmers have queer notions about such things. It may be Avena fatua and it may not.

Wild mustard of the East & Ontario is Brassica Sinapistrum. It is working into all cultivated lands.

Canada Thistle is Cnicus arvensis (The two last are naturalized weeds).

...toon berries is
... oblongifolia and
... ar forms
... was formerly
... g and
... Jack...

(No 3) Botanical name of Sask.
n are Amelanchier Canadensis var.
A. alnifolia. The latter is the smaller.

(No 4) "Goose Wheat" if it means what
called that is a kind of rye which
is still cultivated at Edmonton on the Sa-
-skatchewan. The grain I mean was obtained from
the crop of a Wild Goose some 12 years ago. I have
never seen it grow but the grain is like rye
but rather longer. My opinion is that it came
from Alaska or some Russian settlement across
Behring's Strait. You may not be aware that
Wild Geese invariably take to the stubble fields on
their way from the north.

I shall be happy at any time to give you
any information in my power. I shall ask Mr.
Lowe for a copy of your report and hope to receive
the others you mention when it is printed.

Very sincerely yours
John Macoun.

2. Wild oats is a very
indefinite term in Canada
but I am right as regards the oat

Prof. Fream
Downton Coll.
Salisbury

(No 3) [illegible] manner of death.
[illegible] an [illegible] [illegible] [illegible]
[illegible]. The latter is the rule.

(No 6) "[illegible] [illegible]" if it means what
[illegible] that is? kind of [illegible] which
is still cultivated at [illegible] [illegible]
-[illegible]. The genus I mean was obtained from
the [illegible] of a [illegible] some 12 years ago. I have
never seen it grow but the genus is like [illegible]
but rather larger. My opinion is that it came
from Alaska or some Russian settlement near
Behring's Strait. You may not be aware that
[illegible] have [illegible] [illegible] to the [illegible] fields in
this way from the north.

I shall be happy at any time to give you
any information in my power. I shall ask Mr.
[illegible] for a copy of your report and hope to receive
the other numbers when it is finished.

Very sincerely yours
[illegible] Macoun.

[illegible]

[illegible] — [illegible]
[illegible]
[illegible]

Feb. 26th 5

Chief Inspector of Surveys
Ottawa

Sir.

I have gone carefully over Mr. Klotz collection of plants and have made out an informal list of them which I enclose with this. Please accept my thanks for your kind permission to examine the specimens which are of great interest to me as I desire to obtain a wider knowledge of the distribution of species than I now possess.

If possible I would like to obtain precise information, regarding locality, about the few species particularized at the end of the list.

Very respectfully yours
John Macoun

Feb. 26th

Chief Geologist of Survey
Ottawa

Sir: I have gone carefully over the
fifty varieties of plants and have made out
an informal list of them which I enclose
with this. Please accept my thanks for your
kindness in [illegible] the specimens
which are of great interest to me as I have
to obtain a wider knowledge of the distri-
bution of species there. [illegible]
[illegible] I would like to obtain
[illegible] regarding locality, about the
[illegible] at the end of the list.
[illegible]

Very respectfully yours
John Macoun

March 12th 5

My dear Sir.

Your note of yesterday is before me. In answer, I may state that this afternoon I had some conversation with Mr. Jack and afterwards saw Dr. Selwyn. He says that the region in question has been traversed by members of the Survey Staff and reported upon within the last few years and notes of the soil, flora &c published in the Survey Reports. He thinks it therefore unnecessary for me to go down to see the country as most of the flora has come into my hands through other parties.

He wishes me to state however that should the Minister recommend me to make a report or an examination of the country prior to doing so he will make no objections.

Yours truly
John Macoun.

Robert Moffat M.P.
House of Commons
Ottawa.

March 12th

My dear Sir.

Your note of yesterday is before me. In answer, I may state that this afternoon I had some conversation with Mr. Jack and afterwards with Dr. Selwyn. He says that the region in question has been traversed by members of the Survey Staff and reported upon within the last four years and notices of the work, flora &c published in the Survey Reports. He thinks it therefore unnecessary for me to go down to see the country as most of the flora has come into my hands through other parties.

He wishes me to state however that should the Minister recommend me to make a report or an examination of the country herein to during as he will make no objection.

Yours truly
John Macoun.

Robert Moffat Esq. M.P.
House of Commons
Ottawa.

Oct. 22nd .5

My dear Sir

In answer to your note of the 8th inst I may state that the cultivation of the Hemlock at Calgary must be a matter of experiment which I believe will succeed without any doubt. The Douglas Pine grows along Bow River nearly two miles west of yours and where the one species grows the other is sure to succeed.

You are aware that I spent the last summer in the Rocky Mountains and amongst other things made notes on the range and occurrence of trees. West of Donald a species of Hemlock begins to appear which forms the chief part of the higher forests in the Selkirk Mountains and through which the

Oct. 22nd [illegible]

My dear Sir

In answer to your note of the 9th inst I may state that the cultivation of the Hemlock at Calgary must be a matter of experiment which I believe will succeed but not any doubts. The Douglas Fir grows along Bow River scarcely ever make much of [illegible] and where the one species grows the other is [illegible] to be seen.

You are aware that I spent [illegible] short [illegible] in the Rocky Mountains and amongst others having made notes on the range and occurrence of trees. West of [illegible] species of Hemlock begins to appear outside [illegible] the chief part of the highest forests in the [illegible] Mountains and throughout which the

line of the Canadian Pacific Railway
passes from Stoney Creek Bridge to at least
20 miles west of the Summit of the Selkirks.
The heavy forests around the "Loop" and at other
points are composed exclusively of this tree, and
I have not the slightest doubt but that the bark
the Rocky Mountain Hemlock will be found
to contain just as much tannin per cord as the
Eastern form.

Any one desirous of testing the bark
can procure it from any person who may go
to the Selkirk summit as thousands of trees are
lying around there now having been cut down for
ties and other purposes.

Very truly yours
John Macoun
Govt. Botanist

Oct. 24th

My dear Sir

Your note of Sep. 28th has been here some time but absence from home prevented me from answering it sooner.

I send with this Part I of my Catalogue of Canadian plants which will give you as I knew two years since. Last year I visited Niagara Falls and found V. Labrusca growing in abundance on Foster's Flats about two miles below the Whirlpool on the Canadian side. Also that V. riparia is more northern than cordifolia, but owing to my continued western and eastern explorations I have been unable to define the limits of each. Of this rest assured that the day is now here when grapes will be grown profitably much farther north than where they grow wild.

Very truly yours
John Macoun

Oct: 24th

My dear Sir

Your note of Sep. 23rd has been here some time but absence from home prevented me from answering it sooner.

I send with this Part I of my Catalogue of Canadian plants which will give you as I know two years since. Last year I visited Niagara Falls and found V. Labrusca growing in abundance on Foster's Flats about two miles below the Whirlpool on the Canadian side. Also that V. riparia is more northern than cordifolia but owing to my continued weakness and extreme exploration I have been unable to define the limits of each. If this cold season that the dry is now here those grapes will be grown perfectly much further north than they grow wild.

Very truly yours
John Macoun

Nov. 9th 5

My dear Sir,

Your note was received in due time but it was not until this morning that the box with the specimens was received.

The grass sent is now named Agropyrum dasystachyum Vasey but in my reports is spoken of as Triticum ~~repens~~ dasystachyum.

There are three forms of this genus which are very common on some parts of the prairie – the one you sent and another, my Triticum repens, which is found chiefly where there is considerable alkali in the soil and distinguished from this by its smooth spikelets of flowers. The latter is common in Montana and is thus spoken of by Prof. Scribner —:

"It is the most highly praised of the native grasses for hay. Wherever it occupies exclusively any large area of ground, as it frequently does in the lower districts, especially near Fort Benton, it is cut for hay. Naturally it does not

Nov. 5th

My dear Sir,

Your note was received in due time but it was not until this morning that the box with the specimens was received.

The grass sent is now named Agropyron dasystachyum. Vasey (?) but in my report is spoken of as Scribneri, ~~[illegible]~~ dasystachy.

There are three forms of this genus which are a very common on your part of the prairie – the one you sent and another, which is my Scribneri (?) [illegible] and chiefly where there is considerable alkali in the soil and distinguished from this by its smooth spikelets of flowers. The latter is common in Montana and is thus spoken of by Prof. Scribner —: "It is the most highly prized of the native grasses for hay. Wherever it occupies exclusively any large areas of ground, as it frequently does in the lower districts, especially near Fort Benton, it is cut for hay."

yields a great bulk, but its quality is unimproved. After two or three cuttings the yield of hay diminishes so much that it is scarcely worth harvesting. It is then customary to drag a short-toothed harrow over the sod, which breaks up the creeping roots or underground stems, and each fragment then makes a new plant".

In my book - The Great North West - on Page 245 you will see in a list a grass mentioned - "Triticum repens (many forms)" and on the same page my opinion of this grass. The same grass spoken of there is the species referred to by Prof. Scribner and is now separated from Triticum repens and is named Agropyrum glaucum, Vasey; or Blue Joint.

As I said your correspondent's grass is Agropyrum dasystachyum and in my opinion is just as valuable for pasture and more so for hay as the other form. For feeding purposes I consider them both equal to, if not better than any other native grass for all purposes.

Very truly yours
John Macoun, Botanist.

Victor Burrows Esq.
Deputy Minister of Agriculture
Winnipeg Man.

November 28th 6

My dear Sir.

Dr. Selwyn requests me to communicate to you the decision of the Deputy Minister regarding the specimens for the Exhibition.

You are to go on at once and select such specimens as in your opinion are suitable for Exhibition, including the oak mentioned in your conversation with Dr. Selwyn. I am requested to ask you to make out a list of the specimens selected, stating at the same time their dimensions in feet and inches as this is very desirable in reference to their future arrangement in the Canadian Court. In a few days Dr. Selwyn will inform you where to ship the specimens to ~~and therefore~~ as the point of shipment is still uncertain. You will be paid for the material as per terms of agreement with Dr. Selwyn.

Regarding the wagons and wagon material

November 28th

My dear Sir.

Dr. Selwyn requests me to communicate to you the decision of the Deputy Minister regarding the specimens for the Exhibition.

You are to go on at once and select specimens as in your opinion are suitable for Exhibition, including the rocks mentioned in your conversation with Dr. Selwyn. I am requested to ask you to make out a list of the specimens selected, stating at the same time their dimensions in feet and inches as this is very desirable in reference to their future arrangement in the Exhibition Court. In a few days Dr. Selwyn will inform you where to ship the specimens to ~~[illegible]~~ as the point of shipment is still uncertain. You are to be paid for the material as per terms of agreement with Dr. Selwyn. ~~[illegible]~~

Regarding the wages

December 28th [illegible]

Dear Sir,

Mr. Selwyn [illegible] me to communicate to you the decision of the Deputy Minister regarding the specimens for the [illegible].

[illegible] me to [illegible] at once and select such specimens as in your opinion are suitable for [illegible] mentioned in your conversation with Mr. Selwyn. I am requested to ask you to make out a list of the specimens selected, stating at the same time their dimensions in feet and inches as this is very desirable in reference to their future arrangement in the Canadian Court. In a few days Mr. Selwyn will inform you where to ship the specimens to ~~and therefore~~ [illegible] as the point of shipment is [illegible] be paid for the material as far [illegible] with Mr. Selwyn.

[illegible] regarding the expense and [illegible]

I am requested to state that the Government cannot purchase them as in no case are they doing so. They will gladly take charge of the stuff for you, convey it to the Exhibition and either sell it in England or return it to you at Chatham free of expense. This they are willing to do for all exhibitors but have declined purchasing manufactured articles in all cases.

Very truly yours
John Macoun

C. R. Van Allen Esq
President Chatham Manufacturing Co.
Chatham.

I am requested to state that the Government cannot purchase these as in no case do they desire so. They will gladly take charge of the stuff for you, carry it to the Exhibition and either sell it in England or return it to you at Chatham free of expense. This they are willing to do for all exhibitors but have declined purchasing manufactured articles in all cases.

Very truly yours
[illegible] Warren

D. R. Van Allen Esq
President Chatham Manufacturing Co.
Chatham.

Dec. 16th

A. R. C. Selwyn F. R. S.
Director Geol. & Nat. Hist. Survey

Sir,

I have carefully examined Mr. Holman's Catalogue of Canadian birds and find that his collection contains full plumaged males of nearly all the rare and beautiful birds found in Ontario.

The total number of species known to have been taken in Ontario is 267 and of these Mr. Holman has at least 212 species. Those wanting in his collection are chiefly Sparrows and small birds of little interest to the general public and can be easily supplied by local collectors.

I am quite sure the sum asked by Mr. Holman does not half cover the cost of collecting and mounting the specimens.

Very respectfully yours
John Macoun

Dec. 16th

A. R. C. Selwyn F.R.S.
Director Geol. & Nat. Hist. Survey
Sir,

I have carefully examined Mr. McIlwraith's Catalogue of Canadian Birds and find that his collection contains full plumaged male of nearly all the rare and beautiful birds found in Ontario.

The total number of species known to have been taken in Ontario is 267 and of these Mr. McIlwraith has at least 212 species. Those wanting in his collection are chiefly Sparrows and Gulls birds of little interest to the general public and can be easily supplied by local collectors.

I am quite sure the sum asked by Mr. McIlwraith does not half cover the cost of collecting and mounting the specimens.

Very respectfully
yours John Macoun

Dec. 22nd

My dear Sir

I have been commissioned by Dr Selwyn to inform you that he cheerfully accedes to your terms as expressed in your letter of yesterday.

He will pay freight on the cases from London to Ottawa and will be delighted to see you here at an early day with the birds.

The Deputy Minister of Agriculture will forward you a pass, at an early date which be good for coming and returning.

Very truly yours
Jno. Macoun

H. Holman Esq.
London
Ont.

Dec. 22nd

My dear Sir

I have been commissioned by Mr Carling to inform you that he already accedes to your terms as expressed in your letter of yesterday.

He will pay freight on the cases from London to Ottawa and will be delighted to see you here at an early day with the birds. The Deputy Minister of Agriculture will forward you a pass at an early date which be good for coming and returning.

Very truly yours

John Macoun

H. Holman Esq.
London
Ont.

Jan. 10th [illegible]

My dear Sir

I have been commissioned by Dr. Selwyn to inform you that in answer to your letter of yesterday, Mr. Lowe Deputy Minister of Agriculture, accedes to your terms, regarding price of two (2) Caribou skins which [illegible] your possession.

Please pack up the animals ready for shipment and send the account to Dr. Selwyn, who will attend to it.

Thomas W. Egan
Halifax

Very truly yours
[illegible] Macoun

Jan. 10th 6

My dear Sir

I have been commissioned by Dr. Saunders to inform you that in answer to your letter of yesterday, Mr. Lowe Deputy Minister of Agriculture, wrote to your Farm, regarding price of two (2) heifers which you possess.

Please put up the animals ready for shipment and send the account to Dr. Saunders, who will attend to it.

[illegible] Very faithfully yours

[illegible]

Jan. 16th 6

My dear Mr. Egan

We have all the birds on your list except the following. Please mention in reply how many of those enumerated below you can let us have and the price asked for them. Send your letter to Mr. Selwyn as it is by his authority I write you at this time.

1 Bald Eagle Female (Young is not)
2 Osprey Female (Young is not)
3 Goshawk Female
4 Red-tailed Hawk Female
Great Horned Owl Female
6 Snowy Owl Female
7 Barred Owl Female
Barn [illegible]
9 Pewee Flycatcher
10 Black-poll Wood Warbler Female
11 Chestnut-sided Warbler Female
12 Yellow Warbler Female

Jan. 14th

My dear Mr. Syme

We have all the birds on your list except the following. Please mention in reply how many of those commonest below you can let us have and the price asked for them. Send your letter to Mr. Lebeyn as it is by his authority I write you at this time.

1. Bald Eagle Brood (young in nest)
2. Osprey Brood (young in nest)
3. Sparrow Hawk Brood
4. Red-tailed Hawk Brood
5. Great Horned Owl Brood
6. Snowy Owl Brood
7. Barred Owl Brood
8. [illegible]
9. Prairie Sharptailed Brood
10. Black-throated Blue Warbler Brood
11. Chestnut-sided Warbler Brood
12. Yellow Warbler

13 Golden crested Wren Female
14 Black Cap Titmouse
15 Cat Bird.
16 Robin Female & nest
17 Snow Bunting Female
18 Common Snow Bird
19 Chipping Bunting
20 Fox coloured Sparrow Female
21 Pine Gro Beak Female
22 White Winged Crossbill Female
23 Scarlet Tanager Female
24 Rusty Grakle .
25 Crow
26 Blue Jay Female.
27 Canada Jay Female
28 Great American Shrike Female
29 Solitary Vireo
30 Cedar Bird Female
31 Pileated Woodpecker Female
32 Hairy Woodpecker
33 Downy Woodpecker
34 Arctic three-toed Woodpecker Female
35 Golden Winged-Woodpecker Female.

13 Golden crested Wren Gone
14 Black Cap Titmouse
15 Cat Bird.
16 Robin Gone & nest
17 Snow Bunting Gone
18 Common Snow Bird
19 Chipping Bunting
20 Rose colored Grosbeak Gone
21 Pine Gros Beak Gone
22 White winged Crossbill Gone
23 Scarlet Tanager Gone
24 Purple Grackle.
25 Crow
26 Blue Jay Gone.
27 Canada Jay Gone
28 Great Northern Shrike Gone
29 Loggerhead Shrike
30 Indigo Bird Gone
31 Pileated Woodpecker Gone
32 Hairy Woodpecker *
33 Downy Woodpecker
34 Arctic three-toed Woodpecker Gone
35 Golden-winged Woodpecker Gone.

36 Black Billed Cuckoo Female
38 Passenger Pigeon Female
39 Carolina Dove Female
~~40 Canada Grouse Female~~
~~41 Ruffed Grouse Female~~
40 Rock Ptarmigan male
41 Sora Rail
42 Yellow Breasted Rail.
43 American Coot.
44 Virginia Rail
45 Willet Female
46 American Woodcock Female
47 Hudsonian Curlew Female
48 Brant Goose
49 Green Winged Teal Female
50 Blue Winged Teal Female
51 Canvas Back Female
52 Red Headed Duck Female
53 Scaup Duck Female
54 Ruddy Duck Female
55 Velvet Duck Female
56 American Scoter Female

57 Golden Eye Female
58 Barrow's Golden Eye Female
59 Buffle Head Female
60 Long-tailed Duck Female
61 Buff-breasted Merganser Female
62 Red Breasted Merganser Female
63 Hooded Merganser Female
64 Cormorant Female
65 Gannet Female
66 Arctic Tern Female
67 Kittiwake Gull
68 White Winged Silvery Gull
69 Burgomaster Gull
70 Common Fulmar
71 Wandering Shearwater
72. Little Guillemot Female
73 Foolish Guillemot Female
74 Black Guillemot Female
75 Great Northern Diver Female
76 Red-throated Diver Female

77 Red-necked Grebe <u>Female</u>
78 Horned Grebe <u>Female</u>
79 Dab-chick <u>Female</u>

We have the males of all the birds asked for ~~in one~~ and which are underscored in our present collection. We only want from you the females and hence in all such cases I underscore <u>Female</u>. In the other cases we want the pair if you have them.

Please answer as soon as possible and if you have any others send me a list.

Very truly yours
John Macoun.

77 Red-necked Grebe Female
78 Horned Grebe Female
79 Pied-billed Female

We have the males of all the birds asked for in this and which we mentioned in our present collection. We only want from you the females and have in each case a male [illegible] Female. In the other case we want the pair if you have them.

Please answer as soon as possible and if you have any others send me a list.

Very truly yours,
Gilbert [illegible]

Jan. 21st 6

My dear Sir

Your note of the 18th inst with enclosed list was received by Dr. Selwyn yesterday. In answer he has requested me to thank you for your kind offer and to ask you a few questions.

(1) Are your birds mounted or prepared in any other way? (2) Will you lend the birds we ask for to be returned to you next Autumn or do you mean to sell them?

I think Dr. Selwyn prefers receiving them as a loan, and as such they will be exhibited in England. I have carefully gone over your list and have selected the following numbers from it as those we want. You will understand that we have a splendid collection already when I tell you that we have all the Raptores and

Jan. 21st

6

My dear Sir

Your note of the 18th inst with en-closed list was received by Dr. Schlegel yesterday. In answer he has requested me to thank you for your kind offer and to ask you a few questions.

(1) Are your birds mounted or prepared in any other way? (2) Will you send the birds we ask for to be returned to you next Autumn or do you mean to sell them?

I think Dr. Schlegel prefers receiving them as a loan, and as such they will be entered in England. I have carefully gone over your list and have selected the following numbers from it as those we want. You will understand that we have a splendid collection already & there I tell you that we have all the Raptores and

Nearly all the Waders and Waterbirds.
We want the following birds. The numbers are
taken from your Check List.

3	123	160	264	325a
65	139 ✓	172 ✓	273	326
67	141	178	282 ✓	354
87	163 ✓	198	315 ✓	360 ✓
113a	154 ✓	204	318	361 ✓
117	165 ✓	214	320	569
	167 ✓	234	322	685

Those marked thus ✓ may not be wanted.

William Saunders Jr.
London, Ont.

Very truly yours
John Macoun

P.S. If you desire your birds sold in England
put a price on them before sending them to us.
Let me hear from you again before taking out
any of the birds as we may not want all I mark.
J. M.

Nearly all the Warblers and Waterbirds.
We want the following list. The numbers are taken from your Check List.

3	123	160	264	325a
65	139✓	172a	273	326
67	141	179	282a	356
81	153✓	198	315✓	360✓
113a	154✓	204	318	361a✓
117	155✓	214	320	565
	157✓	234	322	686

I have marked those ✓ may not be wanted.

Very truly yours
John Macoun

William Saunders Jr.
London Ont.

P. S. If you desire your birds sold in England put a price on them before sending them to me.
Let me hear from you again before taking out any of the birds as we may not want all of them. J. M.

Jan. 21st 6

My dear Mr. Saunders

I have gone carefully over the list which I now return, and marked in red all those I can obtain here without difficulty. In consultation with Dr. Selwyn I have selected another section which can be obtained in April either by myself or some one here. These are marked in blue. All the others we will look to you for supplying to us during the next two months.

I now return the Catalogue but would like you to return it after you marked on another copy those you can supply. We only want enough to fill a four oz. bottle. Am I right? you remember the size of bottle we spoke of when you were here. I will write

Jan. 31st

My dear Mrs. Saunders

I have gone carefully over the list which I now return, and marked in red all those I can obtain here without difficulty. In consultation with Dr. Schaeffer I have selected another section which can be obtained in April either by myself or some one here. [illegible] are marked in blue. All the others we will look to you for supplying, to be having the next two months.

I now return the Catalogue but would like you to return it after you mark off on another copy those you can supply. We only want enough to fill a few 3/4 bottles. Am I right? If you remember the size of bottle we [illegible] when you were here. I will write

you regarding the beetles in a day or two as we are in a great bustle here, at present owing to the packing up of the specimens now on hand.

Very truly yours

John Macoun

William Saunders Esq

London

Ont.

you regarding the bottles in a day or two as we are in a great bustle here at present owing to the packing up of the specimens now on hand.

Very truly yours
John Macoun

William Saunders Esq
London
Ont.

January 22nd 6

Rev. Duncan Anderson.

Dear Sir,

Today Dr. Selwyn handed me your note of the 20th inst. and asked me to answer it as I have charge of the Collection of birds which we are gathering for the Exhibition.

The five birds you mention in your note will be quite an addition as the Whistling Swan and Hudsonian Chic-a-dee are not in any of the Collections we have heard from. Dr. Selwyn requests me to ask you to pack up the five species and forward them here C.O.D. so that we may have them placed upon stands corresponding to those of our own collections. You will please put your price on the specimens so that if they are not returned we may be held responsible for their value.

Do not put any of your birds in order as we have two firstclass Taxidermists now at work putting our own birds in respectable shape.

Rev. Duncan Anderson. January 22nd 6

Dear Sir,

Today Dr. Selwyn handed me your note of the 20th inst. and asked me to answer it as I have charge of the Collection of birds which we are gathering for the Exhibition.

The five birds you mention in your note will be quite an addition as the Whistling Swan and Hutchins's Brant-Goose [?] are not in any of the Collections we have heard from. Dr. Selwyn requests me to ask you to pack up the five species and forward them here C.O.D. so that we may have them placed upon stands corresponding to those of our own collection. You will please put your price on the specimens so that if they are not returned we may be held responsible for their value.

(Do not put any of your birds in order as we have two first-class [?] Smithsonian [?] men— at work mounting our own birds in separate shops.

Should you bother with your birds you would have labor without profit. All loaned birds will bear a ticket showing where they are from and by whom loaned. Please send at least one of the dark-colored Gyr-Falcons as our specimens are all light colored. Your specimens must be the Falco sacer Var. obsoletus, (Coues) or Labrador Gyrfalcon. I have never seen the bird and we would consider it a great acquisition.

Please forward your specimens as quickly as possible and we will put them in shape.

Very truly yours

John Macoun.

Cimocki.
on left today
sended me you
at that I a

My dear Mr.

Cr. Selwyn

and before going to
the 3d inst. with a requ
it in part at least.

Regarding Mr. Eg
he wishes me to state that our
at our disposal he cannot sp
now but on his arrival in England will join
out and at once let Mr. Egan know whether
there will be room for his exhibit or not.

I have written to Mr. Egan regarding
his birds that he said he could let us have.

Very truly yours,
John Macoun.

February

Cincinnati.

on left today
asked me for
and that I

collection
to the limited
speak positively

My dear Mr.

Dr. Asbury
and before going to
the 3d inst. with a reque[st]
it in part at least.

Regarding Mr. Eg[an]
he wishes me to state that on
at our disposal he cannot ap[pear]
near but on his arrival in England will you
out and at once let Mr. Egan know whether
there will be room for his exhibit or not.

I have written to Mr. Egan regarding
his bids that he said he would let me know.

Very truly yours.
Edward Maxwell

[illegible] 6

[illegible]

[illegible] for England.

[illegible] a letter of

[illegible] ed answer

[illegible]

[illegible] 6

for England. [illegible]

a letter of [illegible]

Ad Ocean [illegible]

[illegible]

Feb. 9th 6

Rev. Duncan Anderson

Dear Sir,

The box with the birds has been here for some days but being addressed to Dr. Selwyn remained unopened until today. The birds are uninjured and will be brushed up and put in the collection with our own with your name on the label. I have entered in a book (as I do with all) that they are loaned and after the name of each I have placed the forfeit price if not returned.

I purposely refrained from answering your letter of Jan. 28th as I had no definite answer to give. While Dr. Selwyn greatly desired to have the birds he did not feel justified in guaranteeing so much money in this case.

Feb. 9th 6

Rev. Duncan Anderson

Dear Sir.

The box with the birds has been here for some days but being addressed to Dr. [illegible] remained unopened until today. The birds are uninjured and will be touched up and put in the collection with our own with your name on the label. I have entered in a book (as I do with all) that they are loaned and after the name of each I have placed the forfeit price if not returned.

I purposely refrained from answering your letter of Jan. 28th as I had no definite answer to give. While Dr. [illegible] greatly desired to have the birds he did not feel justified in guaranteeing so much money in this case.

He thinks it better to let the matter stand until I go east or not risk it as injury to the birds would be a calamity, which money could not smooth over. In a few days I will write again as we may want the White Fronted Goose but at present we are so hurried nothing certain can be said on the subject.

Very truly yours
John Macoun.

P. S. Dr. Selwyn left for England this forenoon. Dr. G. M. Dawson acts in his place in his absence.
J. M.

He thinks it better to let this matter stand until I go east or not since it so injury to the Club would be a calamity which many could not smooth over. In a few days I will write again as we may want the White Banded Cross but at present we are so harried nothing certain can be said on the subject.

Very truly yours
[illegible] Marmon.

P. S. Dr. Sharpe left for England this forenoon. Dr. E. M. Cannon acts in his place in his absence. J. M.

Feby 22nd 6

My dear Sir,

Your note of Feb. 16th was duly received. In reply I may state that I will have no money grant this year as I go to England next month where I will remain all summer. I can therefore give you no assistance in the contemplated exploration.

No obstruction will be placed in your way by me if you can arrange with Mr. Chalmers to accompany him for part of next summer. He knows my mind on what ought to be done and you are at full liberty to use my name in this connection.

Very truly yours
John Macoun

C. N. Heay
St. John.

Peking 22nd 6

My dear Sir,

Your note of Feb 16th was duly received. In reply I may state that I will have no money grant this year as I go to England next month where I will remain all summer. I can therefore give you no assistance in the contemplated exploration.

No restriction will be placed in your way by me if you can arrange with Mr. Johnson to accompany him for part of the summer. He knows my mind on what ought to be done and you are at full liberty to use my name in this connection. Very truly yours [illegible]

[illegible]

Feb. 24th 6

Thomas Gordon Esq.

Dear Sir,

Your letter of the 20th inst. has been placed in my hands by our Director as I have charge of the "Bird Exhibit". In reply I may state that we have all the Canadian Owls but are still deficient in small birds especially finches.

You will find in the following list all the Ontario birds we want to complete our collection. Should you be able to send any put your price on them and we will either return your birds next autumn or pay you for them. In any further communications address this office.

Very truly yours
John Macoun.

6

Feb. 24th

Thomas [illegible] Esq.

Dear Sir.

Your letter of the 20th inst. has been placed in my hand by our Curator as I have charge of the "Bird Exhibit". In reply I may state that we have all the Canadian Owls but are still deficient in some birds especially finches.

You will find in the following list all the Ontario birds we want to complete our collection. Should you be able to send any put your price on them and we will either return your birds next Autumn or pay you for them. In any further communication address this office.

Very truly yours
John Macoun.

Skins or Mounted birds wanted.

1 Rough-winged Swallow.
2 Warbling Greenlet
3 Yellow-throated Vireo
4 White-Eyed Vireo
5 Red Poll
6 Sharp-tailed Finch
7 Lark Finch
8 Lincoln's Finch
9 Field Sparrow
10 Bronzed Grackle
11 Olive-sided Flycatcher
12 Traill's Fly catcher.
13 Banded-backed Three-toed Woodpecker.
14 Red Breasted Snipe
15 Whooping Crane or White Crane.

John Macoun

Species or Varieties of Birds wanted.

1 Rough-winged Swallow.
2 Warbling Greenlet
3 Yellow-throated Vireo
4 White-eyed Vireo
5 Red Poll
6 Sharp-tailed Finch
7 Lark Finch
8 Lincoln's Finch
9 Field Sparrow
10 [illegible]
11 Olive-sided Flycatcher
12 Traill's Fly catcher.
13 Banded-backed Three-toed Woodpecker
14 Red Breasted Snipe
15 Whooping Crane or White Crane.
Golden [illegible]

Box 87
marked "special"

Contains the following Spcs.—

2 Head — of Elk
2 — " — " Black-tail Deer
1 — " — " White " "
1 — " — " Goat
1 — " — " Sheep
1 Sheep skin
1 Deer skin
1 Jack Rabbit

Box 87

marked "Special"

Contains the following skins.—

2 Heads ___ of Elk

2 " ___ " Black-tail Deer

1 " ___ " White "

1 " ___ " Goat

1 " ___ " Sheep

1 Sheep Skin

1 Deer Skin

1 Jack Rabbit

March 6th 6

Henry Stratford Esq.

Dear Sir.

Dr. G. M. Dawson acting Director of the Geological and Natural History Survey, has just handed me a filled out application for space, at the Colonial and Indian Exhibition, signed by you.

I have the general charge of the Natural History exhibits and will be glad if you would kindly inform me what you purpose exhibiting and the amount of floor and wall space your exhibit will occupy when unpacked and placed in position.

Please give me the latter particulars at your earliest convenience as there may be no room for it at this late date.

Very truly yours
John Macoun
Botanist &c.

March 6th 6

Henry Stafford Esq.

Dear Sir.

Dr. G. M. Dawson acting Director of the Geological and Natural History Survey, has just handed me a filled out application for space, at the Colonial and Indian Exhibition, signed by you.

I have the general charge of the Natural History exhibits and, will be glad if you would kindly inform me what you purpose exhibiting and the amount of floor and wall space your exhibit will occupy when unpacked and placed in position. Please give me the latter particulars at your earliest convenience as there may be no room for it at this late date.

Very truly yours
John Macoun
Naturalist &c.

Collection of Canadian Phanogamous and
Vascular Cryptogamous plants containing
122 Orders
682 Genera
2817 Species.

The Collection is mounted on strong white paper and labelled with name, locality date and collector's name. Each genus is enclosed in a sheet of strong manilla paper with the name on the outside. The genera are arranged according to Bentham & Hooker's Genera Plantarum. This collection contains nearly all the native plants in the orders represented. The deficiencies occur chiefly in extreme arctic forms and locally introduced species.

John Macoun
Botanist. Geol. Nat. History Surv.

Collection of Canadian Phanerogamous or
Vascular Cryptogamous plants containing
122 Orders
602 Genera
7142 Species.

The Collection is mounted on ordinary white paper and labelled with name, locality date and collector's name. Each genus is enclosed in a sheet of strong manilla paper with the name on the outside. The genera are arranged according to Bentham & Hooker's Gen. Plantarum. This collection contains nearly all the native plants in the order represented. The deficiencies occur chiefly in extreme arctic forms and locally introduced species.

John Macoun
Naturalist. Geol. Nat. History Survey

3rd January 7

A. Ton Burrows Esq.
Dept. Agriculture Man.

Dear Sir.

Your letter of July 30th came to my Ottawa address and remained there until my return from England.

The samples of the two weeds sent by Mr. W. C. Pound. Mowbray, Man. are ~~Sem~~ Brassica campestris (a sort of Wild Mustard) and Solanum triflorum (a plant closely related to the Tomato)

The former is an introduced plant, it may become a noxious weed like the Wild Mustard in Ontario. The latter is a native plant and grows generally around badger holes in the unsettled districts, but I expect it will appear amongst potatoes and in waste

3d January 7

J. W. Bannerman Esq.
Dept. Agriculture Man.

Dear Sir.

Your letter of July 30th came to my Ottawa address and remained there until my return from England.

The samples of the two weeds sent by Mr. W. C. Pound, Neepawa, Man. are ~~Bras~~ Bunias orientalis (a sort of wild mustard) and Lithospermum arvense (a plant closely related to the Borage)

The former is an introduced plant which may become a serious weed like it has been found in Ontario. The latter is a native plant and grows generally around badger holes, but I expect it also in the cultivated districts and in roots will appear amongst potatoes.

2

places but will never be injurious to the farmer in any sense.

I will always be glad to answer any questions you may refer to me regarding the North West flora.

I remain, dear Sir

Very truly yours

John Macoun

Botanist &c.

2

place that will never be injurious to the farmer in any sense.

I will always be glad to answer any questions you may refer to me regarding the North West then.

I remain, dear Sir,

Very truly yours

John Macoun

Ottawa Ont.

3rd January 7

My dear Mr. Riddell

Your note of September 16th duly reached Ottawa but was held over to my return from England.

The pea or vetch you send is called Vicia angustifolia as I judge from the pods but it may be another species closely allied to it. Should it be the one I mean it can do little harm as it is an annual and a climber. I have usually found it along railroads. It is closely related to the common Vetch of cultivation.

My trip to England did me much good. Send on anything you choose I will respond at once. Very truly yours
John Macoun

3rd January 7

My dear Mr. Biddle

Your note of September 16th duly reached Ottawa but was held over till my return from England.

The pea or vetch you send is what is called Vicia angustifolia as I judge from the pods but it may be another species closely allied to it. Should it be the one I mean it can do little harm as it is an annual and a climber. I have usually found it along railroads. It is closely related to the common Vetch of cultivation.

My trip to England did me much good. Send on anything you choose and I will answer at once.

Very truly yours
John Macoun

January 3d 7

V. M. Spalding Esq.

Dear Sir

Your circular of May last came at a time when I was absent in England, where I have been for the last eight months. Should it not now be too late send me half a dozen circulars and I will have good men attend to the observations during the coming summer.

Very truly yours
John Macoun

January 3rd 7

J. M. Spalding Esq.

Dear Sir

Your circular of May last came at a time when I was absent in England, where I have been for the last eight months. Should it not now be too late send me half a dozen circulars and I will have good men attend to the observations during the coming summer.

Very truly yours
John Macoun

4th Jan. 6

My dear Sir.

The parcel has been here for some time but I have just returned from my holidays and hence did not answer. I have heard from Mr. Watson: The other plants sent to him are Boykinia occidentalis Desmodium canescens and not Ceanothus but [illegible] Saxifraga, Leffy

The specimens in the parcel are —

No 3. Rubus stellatus. This is certainly a good find.

No 2. [illegible] repens. This was formerly confounded with A. [illegible] but is easily distinguished when growing.

No 1 Clintonia ~~uniflora~~ Smilacina uniflora It frequently has three flowers. See Watson's Revision.

No 4. Fritillaria lanceolata & floribunda, Benth. This is my name at any rate.

14th June.

My dear Sir,

The parcel has been here for some time, but I have just returned from my [illegible] and hence did not answer. I have heard from Mr. Watson. The three plants sent to him are [illegible] and not [illegible]

Saxifraga, [illegible]

The specimens in the parcel are of

No. 3. [illegible]. This is certainly a good find.

No. 2. [illegible]. This was formerly [illegible] with [illegible] but is easily distinguished [illegible]

No 1 [illegible]

It frequently [illegible]

No. 4. [illegible] name at any rate.

2

Bryanthus Aleuticus Gray. I believe this to be correct. Without flowers however it is not possible to determine with certainty.

No Potentilla fragiformis Var. villosa. Correct.

No 7 Kalmia glauca. All my specimens are just as hairy as the one you send. See our Point Pleasant specimens.

No 8 Ledum latifolium. This species ranges north of the Arctic Circle and is found in Alaska.

No 9 Rubus pedatus. Common in cool situations on the west coast.

" 10 Fumaria —— The large specimen is my officinalis. The smaller one my parviflora. I will get at my English specimens and let you know the result.

As I said in my last I am quite satisfied about V. vacillans. A few hairs more or less never constitutes a specific difference. Wait until you take a run next summer and get specimens your self.

Oxyporthus Alexticornis Say. I believe this to be correct. Without flowers however it is not possible to determine with certainty.
Potentilla fragiformis var. Villosa. Correct.
7 Pedicularis flammea. All my specimens are just as hairy as the one you send. See our Point Pleasant specimens.
8 Ledum latifolium. This species ranges north of the Arctic Circle and is found in Alaska.
9 Rubus pedatus. Common in wet situations on the west coast.
10 Ranunculus ——— The large specimen is my Eschscholtzii. The smaller one my Pennsylvanica. I will get at my English's specimens and let you know the result.

As I said in my last I am quite satisfied about V. ovalifolium. If you have more or less more constitutes a specific difference. Wait until you take a new trip next summer and get specimens yourself.

3

Let me know what Watson makes of the ballast plant. Its no matter about the mosses now. Corydalis aurea Var. occidentalis is easily distinguished by its seeds. My son's specimens from the Cypress Hills are that form. See Coulter's Flora. Mr. Day has Part III long ago. I will send another copy to you in a day or two. You don't mention the forms of roses you found in the Erie district and if agreeable to you I would like to know. The specimens sent is my var. pubescens of Crepin and which in my opinion will be separated as a species from blanda or is the true blanda. The hispid calyx lobes seems to point to humilis while the form with smooth or naked calyx lobes ought to be blanda. It will come to this yet = blanda naked calyx = intermediate hispid calyx — humilis hispid fruit & calyx. I have ceased to bother myself about these things I merely note the differences and wait. The changes always

Let me know what Watson makes of the
tallest plant. It's no matter about the
name. Corydalis aurea Var. occidentalis is easy
distinguished by its seed. My own specimens
from the Cypress Hills are that form. In Coulter's
Flora. Mr. Day has Part III [illegible] n.sp. I will
send another copy to you in a day or two.
You didn't mention the forms of Rosa you
found in the Erie district and if agreeable
to you I would like to know. The specimens
sent in my Var. [illegible] of [illegible] and which
in my opinion will be separated as a species from
blanda as is the true blanda. The hispid calyx tubes
seem to point to [illegible] while the form with
smooth or naked calyx tube ought to be blanda.
It will come to this yet: blanda naked calyx = [illegible]
hispid calyx — [illegible] hispid fruit & calyx. I have
[illegible] the [illegible] about these things I merely
note the differences and wait. The changes always

4

come. I have more of this form than of true blanda and I would be glad if you would send me what you call typical blanda.

We have no set of the Edinburgh Philosophical Journal in our Library. I will find out from Fletcher if the have in the Parliament Library. Schultz never gave a list of Manitoba plants. His were collected chiefly in Dakota. The list is in the Annals of the Botanical Society published in Kingston 20 years ago.

I remain yours very truly
John Macoun.

Thomas Burgess M. D.
Insane Asylum
London
Ont.

come. I have more of this form than of true Hands and I would be glad if you would send me what you call different Hands.

We have no set of the Edinburgh Philosophical Journal in our Library. I will find out Brown's Edition of it now in the Parliament Library. Schultz never gave a list of Manitoba Plants. This was collected chiefly in Dakota. The List is in the Annals of the Botanical Society published in Kingston 20 years ago.

I remain yours Very truly
John Macoun.

Thomas Burgess M.D.
Insane Asylum
London
Ont.

4th Jan. 1887

My dear Sir,

Your note and parcel have been here for some days. I am glad to learn that you purpose paying more attention to aquatics next season than you did in the past as depend upon it there are many discoveries yet to be made in that line. Thanks for the fine specimens you send in the parcel. Next season look for Pinus rigida (three leaves in a cluster) and Rhus copallina. Both grow on the Thousand Island but we do not know enough about them.

Contents of parcel are —:

No 1 Specimen No 1 Potamogeton pectinatus
No 1 " No 2 " pusillus, L.
No 2 P. compressus, L. = P. zosteraefolius
No 3 Naias flexilis, Rostk.

4th Jan. 1887

My dear Sir.

Your note and parcel have been here for some days. I am glad to learn that your brothers paying more attention to aquatics and sedges than you did in the past as depend upon it there are many discoveries yet to be made in that line. Thanks for the few specimens you send in the parcel. Next season look for Brima rigida (this lives in a Cinctus) and Chara coptoillina. Both grow on the Thousand Islands but we do not know enough about them.

Contents of parcel are —:

No 1 Specimen No 1 Potamogeton pectinatus

No 1 " No 2 " pusillus, L.

No 2 P. compressus, L. = P. zosteræfolius

No 3 Naias flexilis, Rostk.

2

No 4 Solidago bicolor. No doubt of it.

No 5 Juncus alpinus Var. insignis, Fries.

No 6 Potamogeton gramineus Var. heterophyllus. Yes

No 7 & 8 Arrhenatherum avenaceum, Beauv. The smaller or No. 8 is slightly different but these cultivated grasses vary very much. Some plants were originally named Avena elatior. L.

No. 9 Bromus sterilis, L. Another introduction.

" Crepis biennis, L. As the fruit is not full grown I am not certain of this.

" Salix rostrata, Rich. = S. livida Var. occidentalis.

No 12 Agrostis perennans, Tuckm. A rare grass.

No 13 Oenothera biennis. Seems to be Var. muricata.

No 14 Cladonia rangiferina, Hoffm.

No 15 Potamogeton natans, L.

No 17 Vaccinium vacillans. This is my species. Burgess thinks it is corymbosum but I deny it.

No 18 Chenopodium album. Leptophyllum is now separated and has entire leaves.

No 16 I have examined again and still think the same. My specimens are

No 4 Lobelia Erinus. No doubt of it.

No 5 Juncus effusus var. insignis, Fries.

No 6 Potamogeton gramineus var. heterophyllus, Fr.

No 7 & 8 Arrhenatherum avenaceum, Beauv. The smaller on No. 8 is slightly different but these cultivated grasses vary very much. These plants were originally named Avena elatior, L.

No 9 Bromus sterilis, L. Anthyllis vulneraria.

10 [illegible] Linnaei, L. As the fruit is not full grown I am not certain of this.

11 Salix rostrata, Rich. = S. livida var. occidentalis.

No 12 Agrostis perennans, Tuckerm. A rare grass.

No 13 Danthonia [illegible]. Seems to be var. minor.

No 14 Eleocharis compressa, Sullivant.

No 15 Potamogeton natans, L.

No 17 Vaccinium oxycoccus. This is my opinion. Dungee thinks it is macrocarpon but I deny it.

No 18 Chenopodium album. Lepidophyllum is now separated and has entire leaves.

[illegible] and [illegible] specimens [illegible]
I hope [illegible]
[illegible] specimens.
[illegible] specimens for [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Dr. D. Millman
Insane Asylum
Kingston
Ont.

6th January 7

My dear Sir.

Please accept my best thanks for your promptness in reporting on the plants I sent down lately and excuse me for troubling you so much.

The various specimens of Arabis petraea or Sisymbrium humile that I have sent you have always been a puzzle to me and I think from your letter of Dec. 28th I see my way to a clearing up of the matter. Please examine my Anticosti and Kananaskis specimens sent as A. petraea and see if all are not S. humile or the S. boreale you think of making. All these specimens are truly annual and are more or less hairy, while A. petraea from Lake Superior is certainly perennial and smooth or nearly so.

The plant sent down as Parrya arctica evidently grows in some abundance along Hudson Bay as I have an old specimen obtained by Dr. Bell some years ago. My son is going to the Bay

6th January 7

My dear Sir.

Please accept my best thanks for your promptness in reporting on the plants I sent down lately and excuse me for troubling you so much.

The various specimens of Cassia fistula or [illegible] that I have sent you have always been a puzzle to me and I thank you for your letter of Dec. 31st as my way to a clearing up of the matter. Please examine my [illegible] and [illegible] specimens sent as C. fistula and see if they are not C. [illegible] or M. [illegible] you think of marking. All these specimens are truly [illegible] and are more or less hairy, while C. fistula from [illegible] is entirely glabrous and [illegible] nearly so.

The plant sent down as Cassia [illegible] is evidently grown from seed obtained by Mr. Bell [illegible] some years ago.

2

the coming summer and will look out for more of it.

While in England I did not meet Mr. Foster or if so have forgotten. Regarding Iris tridentata I may say that in habit it differs from I. versicolor in being shorter and stouter and with having the pod shorter and broader. I have always found it on sand or boggy ground within the influence of the spray from the sea. I believe it to be a purely coast species. I send the only specimens I have in fruit and hope the seeds may germinate. It was gathered at Gaspe Basin in 1882. I will be west next summer but will try and get our men who may be on the coast next season to send you a box of roots of the sea side Blue Flag. I think I may promise them with safety.

In the first part of my Catalogue I stated that we had possibly three species of Prunus on our western plains — demissa, Virginiana and another.

the coming summer and will look out for more of it.

While in England I did not meet Mr Butler as if we have forgotten. Regarding his tuberculata I may say that in habit it differs from S. [illegible] in being shorter and stouter and with having the pod shorter and broader. I have always found it on sand or boggy ground within the influence of the spray from the sea. I believe it to be a purely local species. I send the only specimen I have in fruit and hope the seed may germinate. It was gathered at Gaspe Basin in 1882. I will be next summer but will try and get one more or - may be in the coast next season to send you a box of roots of the quinine Blue Flag. I think I may promise them with safety.

In the first part of my Catalogue I stated that we had possibly three species of Cornus on our northern plains - [illegible], Virginiana and another.

3

It is probable that P. demissa extends eastward to [illegible] Winnipeg or that we have a bush form with black, sweet fruit that takes its place east of the Rocky Mountains.

I send down a plant with the Iris which was found on a roadside in Manitoba but which I can make nothing of except that I incline to make it an Acalypha but only with fear and trembling. It is certainly an introduced plant but where from is a question.

Last spring I put up a bundle of our endogenous plants, including grasses, sedges and ferns which will be forwarded for the herbarium if you so desire. All grasses, carices &c. are properly named and I only send the package to complete our flora as far as possible.

I remain yours truly
John Macoun

Sereno Watson Esq.
Cambridge Mass.

It is probable that O. borealis extends east-ward to [illegible] Winnipeg so that we have a link from with Clark, west point that takes its place out of the Rocky Mountains.

I send down a plant with the Iris which was found on a roadside in Manitoba but which I can make nothing of except that I incline to make it an Acalypha but only with fear and trembling. It is certainly an introduced plant but where from is a question.

Last spring I put up a bundle of our endogenous plants, including grasses, sedges and ferns which will be forwarded for the herbarium if you so desire. All grasses, carices &c. are properly named and I only send the package to complete our flora as far as possible.

I remain yours truly
John Macoun

Sereno Watson Esq.
Cambridge Mass.

8th Feb. 7

My dear Sir

Your interesting note has reached me and in answer I may say that yours is the first notice of Stylophorum diphyllum that has come under my notice.

As you say it was omitted from Part I because I did not know of its occurrence but if you can get me specimens the coming summer it will be published in the addendum to Part IV which will be issued in the spring of 1888. Any information you can gather about any of our rare plants will be thankfully received and credited to you at the proper time.

I send with this a copy of Part III and hope you have the other two parts.

Very truly yours
John Macoun

W. R. Elliott
[illegible] Mills P.O.
Ont.

8th Feb. 7

My dear Sir

Your interesting note has reached me and in answer I may say that yours is the first notice of [illegible] that has come under my notice.

As you say it was omitted from Part I because I did not know of its occurrence but if you can get me specimens the coming summer it will be published in the addenda to Part IV which will be issued in the spring of 1888. Any information you can gather about any of our rare plants will be thankfully received and credited to you at the proper time.

I send with this a copy of Part III and hope you have the other two parts.

Very truly yours
John Macoun

Mr. R. Elliott
[illegible] P.O.
Ont.

8th Feb. 1

My dear Sir

Both your letters and the specimen of Myriophyllum alterniflorum are to hand. The specimen is not injured in the least. Please accept my sincere thanks for it.

I have as you requested sent by today's mail Part III to Mr. Walter Deane and am very much gratified to have the privilege of obliging you. You forgot to enclose the label for the specimen but it makes no difference as your letters locate the place very well.

Would you have any objection to look over all my mounted Naiadaceae and make notes on the sheets for my guidance when I take up the order. I can then say that you have examined all my collections and by this method I will feel I am on the right track to get at the truth. We will do all we can the

7 8th Feb.

My dear Sir

Both your letter and the specimen of Myriophyllum alterniflorum are to hand. The specimen is not injured in the least. Please accept my sincere thanks for it.

I have as you requested sent by today's mail Part III to Mr. Walter Deane and am very much gratified to have the privilege of obliging you. You forgot to enclose the label for the specimen but it makes no difference as your letter locates the plant very well.

Would you have any objection to look over all my mounted Juncaceae and make notes on the sheets for my guidance when I take up the order. I can then say that you have examined all my collections and by this method I will feel I am on the right track to get at the truth. We will do all we can the

coming summer and hope with your advice to get a supply of many good things.

I have Ruppia maritima from our interior plains and also from Nova Scotia and hope to get a number of good things from Vancouver Island next season.

After this I will be on the lookout for M. alterniflorum as it is very likely overlooked by myself and others.

We will be on the lookout for all Nuphars. I believe the true N. luteum grows in Nova Scotia.

Very sincerely yours
John Macoun

Rev. Thomas Morong.
Ashland, Mass.

having summer and hope with your advice
to get a supply of many good things.

I have Ruppia maritima from our interior
plains and also from Nova Scotia and hope
to get a number of good things from Vancouver
Island next season.

After this I will be on the lookout for
R. occidentalis as it is very likely overlooked
by myself and others.

We will be on the lookout for all
Ruppias. I believe the two R. [illegible] grow
in Nova Scotia.

Very sincerely yours
John Macoun

Rev. Thomas Morong.
Ashland, Mass.

9th Feb. 7

My dear Sir

Numerous enquiries have been made regarding photographs of the trees exhibited in London last year. On this account we are thinking of increasing the collection and having all the negatives at one place and hence this note to you.

Do you consider the negatives in your possession yours or ours? How many have you at present?

You will see by the questions that I want some data to start upon. Should we get a collection together we will likely print off a number of sets from time to time but as they are scattered everywhere we cannot do it now. Hoping to hear from you shortly. I remain yours truly

John Macoun

W. Topley, Ottawa.

9th Feb. — 1

My dear Sir

Numerous enquiries have been made regarding photographs of the two exhibited in London last year. On this account we are thinking of increasing the collection and having all the negatives at one place and hence this note to you.

Do you consider the negatives in your possession yours or ours?

How many have you at present?

You will see by the quotation that I want some data to start upon. Should we get a collection together we will likely print off a number of each for us to have them but as they are mounted negatives we cannot do it now. Hoping to hear from you shortly. I remain yours truly, John Macoun

[illegible]

10th Feb.

My dear Sir:

I am sorry I misunderstood your letter regarding the specimens of Arabis lyrata. I have two sheets of Canadian specimens one from Michipicoten on Lake Superior, the other from Point Pelee on Lake Erie.

Neither of these specimens have root leaves like specimens from the Chicago, which are lyrate but in the Lake Superior one they are not lyrate and that from Lake Erie there are none. I may have sent specimens of these to you if not please say if you wish for them and I will send them at once.

Should you desire to see any other specimens I could send them down at the same time.

Very truly yours
John Macoun

Dr. Sereno Watson
Cambridge
Mass.

10th Feb.

My dear Sir:

I am sorry I misunderstood your letter by ordering the specimens of Dakota lignite. I have two sheets of Canadian specimens one from Michipicoten on Lake Superior, the other from Point Pelee on Lake Erie.

Neither of these specimens have been like specimens from Chicago, which are lignite but in the Lake Superior one they are not lignite and that from Lake Erie there are none. I may have sent specimens of these to you if not please say if you wish for them and I will send them at once.

Should you desire to see any other specimens I would send them down at the same time.

Very truly yours
John Macoun

Dr. Samuel Scudder
Cambridge
Mass.

10th Feb. 7

My dear Sir

Your parcel came this morning and I now report on and return the specimens.

Nos 1-2 are my V. congesta. Note the smooth fruit. All United States specimens have hairy fruit. If I were to name our specimens I would call them V. congesta V. leiocarpum

No 3 is C. pilosum all right.

No 4 is my no 925. I do not believe ~~them~~ it to be Gray's Sullivantii nor do I believe they are either glauca or hirsuta, but I believe ~~them~~ it to be distinct from all of these.

I should call ~~them~~ it a distinct variety but evidently nearer to hirsuta than glauca. Gray evidently leans to glauca as he says "lower face of leaves (sometimes) tomentulose-pubescent." I will still keep it in my collection as 925

10th Feb. 7

My dear Sir

Your parcel came this morning and I now report on and return the specimens.

Nos 1-2 are my V. [illegible]. Note the small joint. All United States specimens have long joint. If I were to name our specimens I would call them V. [illegible] V. [illegible]

No 3 is V. [illegible] all right.

No 4 is my no 585. I do not believe it to be [illegible] Canadensis nor do I believe they are either Fuscus or Kennicottii but I believe them to be distinct from all of them.

I should call it a distinct variety but evidently means to include them species. Very evidently Lowe's species as he says "[illegible] of Lowe's (Canadensis) [illegible]" I made this [illegible] it in my collection as 585

but do not consider it Gray's Sullivantii

Look carefully over your specimens of Crataegus. All our tomentosa seems to merge into a var. named C. coccinea var. Macracantha and includes all our specimens from the western prairie country.

I seem to have a specimen of C. tomentosa from Sarnia and Prof. Sargent w[illegible] me that true tomentosa has been found in Southern Michigan. You might get good fruiting & flowering specimens of all Crataegus the coming summer.

I am going to work up the Potamogetons next winter and wish you would make a special effort regarding their collection next season. Indeed all waterweeds would well repay examination as Myriophyllum alterniflorum was found the past summer by being mistaken for M. spicatum.

Very truly yours
John Macoun

but do not consider it Gray's [illegible]
dealt carefully on your specimens
of Castilleja. All our [illegible] seem to
merge into a form named C. coccinea var.
[illegible] and include all our specimens
from the western prairie country.
I seem to have a specimen of C. [illegible]
from Lansing and [illegible] [illegible]
so that this [illegible] has been found in
Southern Michigan. You might get good
fruiting & flowering specimens of all [illegible]
the coming summer.
I am going to write up the [illegible]
next winter and wish you would make a
special effort regarding this collection next
season. Indeed all [illegible] would not
[illegible] [illegible] a [illegible]
was found the past summer by being [illegible]
for the specimens. Very truly yours
[illegible]

10th Feb. 7

My dear Sir.

Both your letter and parcel are here
Please accept my best thanks for the fine
specimens of C. tomentosa, included in
the parcel.

I think with you that true C. tomen-
tosa will be found along our southern border
and that the unmarked fruiting specimens
of my C. tomentosa from Point Edward will
likely be that species. I have a distinct re-
collection of seeing trees with leaves exactly
like those you sent, growing along Lake Erie.
I will have an examination made next sum-
-mer.

The variety macracantha settles all my
trouble about the various forms of tomentosa
which I could never get through my head
as the descriptions were too obscure for
certain identification.

10th Feb. 7

My dear Sir.

Both your letter and parcel are here. Please accept my best thanks for the fine specimens of C. tomentosa, included in the parcel.

I think with you that the C. tomentosa will be found along our northern border and that the remarkable fruiting specimen of my C. tomentosa from Point Edward will likely be that species. I have a distinct recollection of seeing this with Lowe exactly like those you send, growing along Lake Erie. I will have an examination made next summer. The variety macrocarpa as my trouble about the varieties form of tomentosa which I could never get through my head as the classifications were too obscure for certain identification.

I see nothing to dispute in your determinations of my specimens but much for me to do in coming years to get proper specimens from various localities to give me a clearer idea of the range of species.

Expect me to furnish you with specimens and notes every season of anything additional to my present knowledge of our trees, or Crataegus.

I have never seen the paper by the Abbe Brunet but have his paper on Mich[...] trip to Lake Mistassini.

Write to Professor Laflamme Laval University, Quebec. He fills the Abbe Brunet's place and ought to kno[w] about the paper.

Very truly yours
John Macoun

Prof. C. S. Sargent
Brookline
Mass.

I see nothing to dispute in your de-
termination of my specimens but much
for me to do in learning from the [illegible]
proper specimens from various localities to
give me a clearer idea of the range of species.
I expect me to furnish you with
specimens and notes every season of any
having additions to my present knowledge
of [illegible] on Coleoptera.

I have never seen the paper by
the Abbé Provancher but have his paper on Micro-
lep. to Coleo. Nat. Canadien.

Write to Professor Laflamme
Laval University, Quebec. He [illegible] the
Abbé Provancher's papers and ought to know
about the paper.

Very truly yours
[illegible]

Prof. C. H. Fernald
[illegible]

14th March 1887

My dear Sir.

Your esteemed favor of a late date reached me a few days since.

In answer I may state that Dr. Selwyn the Director of our Natural History Survey authorizes me to state that we will be most happy to assist your collectors in every possible way and that it will give me great pleasure to go over all the botanic collections and name them.

As a proof of my ability to do so I herewith send Part III of my Catalogue of Canadian Plants and will be most happy to send Parts I-II if you desire them.

My residence is not now in Belleville but as above. When your collectors reach Ottawa let them ask for me, Dr. Selwyn or Dr. Dawson and they will get what information they may need. I am going in about a month to Vancouver

14th March 1887

My dear Sir,

Your esteemed favor of a late date reached me a few days since.

In answer I may state that Dr. Selwyn the Director of our National Geological Survey authorizes me to state that we will be most happy to assist your collection in every possible way and that it will give me great pleasure to go over all the Botanic Collections and name them.

As a proof of my ability to do so I transmit you Part III of my Catalogue of Canadian Plants and will be most happy to send Parts I–II if you desire them.

My residence is not now in Ottawa but as above. When your collection reach Ottawa let them ask for me, Dr. Selwyn or Dr. Dawson and they will get what information they may need. I am going in about a month to Lon-don.

Island where I expect to remain all sum-
-mer. In the Autumn I will examine the
collections and as you say take out what I
want which, however will not be many as we
have large collections from British Columbia.

I have laid your letter before
some of my friends who are in immediate
contact with the Government and who will
doubtless take the matter up.

I remain

Dear Sir

Very truly yours

John Macoun

Dr. G. Dieck

National Arboretum

Zöschen - Merseburg

Prussia

Island where I expect to remain all summer. In the Autumn I will examine the collection and as you say there are what I want which, however will not be many as we have large collections from British Columbia.

I have laid your letter before some of my friends who are in immediate contact with the Government and who will doubtless take the matter up.

I remain
Dear Sir
Very truly yours
John Macoun

Dr. H. Pick
Botanical Laboratory
L. Zweischen-Munster
Prussia

March 14th 1887

My dear Sir

Both your notes are here and both parcels.

A. of first parcel is Cladium mariscoides. Torr.

B. is Juncus filiformis, Linn.

C. I will send this to a specialist and let you know the result. I have never seen a Fungus like this one.

Second Parcel.

A—P. latifolium = P. dichotomum Linn. This is the largest form. I collected this form at Windsor Nova Scotia.

E. This is the usual meadow form of the species.

G. Alopecurus geniculatus. A. pratense is tall and looks like Timothy.

C This is very fine Glyceria obtusa. Trin.

C Glyceria aquatica var = G. arundinacea, Kunth

March 14th 1887

My dear Sir

Both your notes are here and both perfect.

A. [illegible] is Cladonia macilenta, Ehr.

B. is Ramalina [illegible], Linn.

C. I will send this to a specialist and let you know the result. I have never seen a fungus like this one.

[illegible signature]

A–B. Latifolium = P. [illegible] Linn. This is the largest form. I collected this from the Wisconsin river bottoms.

B. This is the same smaller form of the species.

B. Cladonia [illegible]. C. furcata is tall and looks like [illegible].

C. This is very fine [illegible]

C. [illegible] = [illegible]

The Medicago = M. minima, Desr. Say for more. Do you want the specimens returned??

F + H are both Poa alsodes in my opinion. They are not P. debilis nor are they serotina. They may be P. nemoralis but I have not followed them up on that line as we will go over all the grasses next winter when working up Part IV.

The genera to specially to be looked for next season are Sparganium, Potamogeton the various Cyperaceae and Gramineae as Part IV will include all these and likely the ferns.

Any help you can give me will be thankfully received and credited to you. Do not bother yourself about the naming I will do that and return them if necessary

A = Panicum dichotomum Var. nitidum

E = P. laxiflorum, Lam.

These are the names we now recognize and under these they will appear in Part IV. Very truly yours
John Macoun

James Brown
St. Stephen
N.B.

The Mechanism = Mr. [illegible], [illegible], Esq. for [illegible] : If you want the [illegible] [illegible]

F + H are little [illegible] [illegible] on my opinion.

They are not B. [illegible] nor are they [illegible]. They may be B. [illegible] but I have not followed them up so that line as we [illegible] go over all the ground [illegible] nothing of Bull[illegible].

The genus [illegible] especially to be [illegible] for most [illegible] are [illegible], [illegible] the [illegible] [illegible] and [illegible] in Part IV [illegible] [illegible] all the [illegible] [illegible] the genus.

Any help you can give me will be thankfully received and credited to you.

[illegible] either [illegible] about the [illegible] [illegible] that [illegible] [illegible] them of [illegible]

A = [illegible]

E = B. [illegible]

These are the [illegible] [illegible] and make there the [illegible] [illegible] [illegible]

[illegible]

Ottawa March 24th 1887

Editor of "Statist"

Sir.

In reply to your Cablegram of the 21st inst. I beg to offer you my reasons for having written the note signed "Canadian" which appeared in your paper in August last, and the facts from which I derived my knowledge. Early in May while the "Agricultural Trophy" was being erected in the Canadian Court at South Kensington plates of "specimens" purporting to be the natural productions of Anticosti were placed on the stands. Amongst these exhibits were "Baldwin Apples". Having explored Anticosti for the Canadian Government in the autumn of 1883 my attention was naturally attracted by these exhibits. As there was not an apple tree upon the island when I was there I saw at once that there must be a mistake somewhere. I carefully examined the

Ottawa March 24th 1887

Editor of "Citizen"

Sir.

In reply to your colleagues of the 21st inst. I beg to offer you my reasons for having written the most alleged "Canadian" which appeared in your paper in August last, and the facts from which I derived my knowledge. Early in May while the "Agricultural Display" was being arranged in the Canadian Court at South Kensington, plates of "specimen" purporting to be the natural production of Ontario were placed on the stands. Amongst these exhibits were - Baldwin Apples. Having supplied Ontario for the Canadian Government in the autumn of 1883 my attention was naturally attracted by these exhibits. As there was not an apple tree upon the place when I was there I came at once that there must be a mistake in the being

specimens of fruit and vegetables and discovered that they were all either wax or coated with it. The potatoes of "natural growth" when shaken rattled like peas in a box, ~~and~~ showing that they at any rate were not "natural productions" of Anticosti. I at once reported my discovery to Sir Charles Tupper and he went with me to the exhibit and saw for himself. He ordered their immediate removal and I informed Mr. Stockwell that I was the cause of Sir Charles' action.

These specimens were now taken and placed in the glass case with the other Anticosti exhibits and amongst them was placed the card referred to in my note. Knowing that every specimen was either wax or coated with it I was well aware of the fact that the statement "These are natural specimens" was entirely false, and therefore I wrote the short note which you placed in such a telling position.

At the time the note was written nine (9) potatoes had either burst or had black ooze flowing from them ~~then~~ and I had sufficient knowledge of natural history to know that real potatoes dry up when becoming old,

specimens of fruit and vegetables and
discovered that they were all either
more or less rotted with it. The potatoes of
"natural growth" when stored rotted
like fire in a pot, ~~[illegible]~~ showing that
they at any rate were not "natural
produce here." of Bulteolite: I at once
reported my discovery to Dr. Charles
Campbell and he went with me to the
exhibit and saw for himself. He
ordered their immediate removal and
I informed Mr. Stolworth that I was
the cause of Dr. Charles' action.
These specimens were then taken
and placed in the glass case with the
other Bulteolite exhibits and amongst
them was placed the card referred to
in my note, showing that every
specimen was either more or less rotted
with it. I was well aware of the fact
that the Statement "These are natural
specimens" was entirely false, and
therefore I made the exact card which
was placed in such a telling position.
At the time the card was written a
[illegible] (P) potatoes had either burnt [illegible] them
had black ~~rot~~, showing that [illegible]
~~[illegible]~~ and I had suffered [illegible]
of producing [illegible] it [illegible]
Potatoes dug up when becoming [illegible]

but these leaked.

Two days after the publication of my note your agent called on me and we both looked at the specimens and counted the potatoes and he saw that my statement was a fact. My object in writing the note complained of was not to injure Mr. Stockwell but to show the English public that Canada did not need false representations to establish her claim to supremacy in the Exhibition in which we took so creditable a position. I told Mr. Stockwell and several others that I was prepared at any time to tell the truth about Anticosti and did so when asked. I am now prepared to make oath to all I have just written and to answer any questions that may be asked me about the topography, climate and natural or other productions of Anticosti, not in the interests of any company or individual but in the interests of truth and of Canada

I am &c

John Macoun
Botanist &
Geol. & Nat. Hist. Survey
of Canada.

had then landed.
Saw Daug after the publication
of any note upon agent called on
me and we both looked at the
specimens and consulted the photos
and he saw that my statements
were a fact. My object in writing
the note complained of was not to
injure Mr. Satterwell but to show
the English public that Canada did
not need false representations to
establish her claim to supremacy
in the industries in which we hold
so creditable a position. I told
Mr. Satterwell and Senut then that
I was prepared at any time to
tell the truth about Ontario and
did so when asked. I am now
prepared to make oath to all
hear your written and to answer
any questions that may be asked
me about the topography, climate
and natural & other productions of
Ontario, not in the interests of
any company or individual but
in the interests of truth and of Canada
I am &c.
John Macoun
Botanist &c.
Geol. & Nat. Hist. Survey
of Canada.

~~List of~~ New Brunswick Mosses.
Sent by J. Moser March 1887

1 Pottia latifolia = Weisia viridula
2 Racomitrium patens = Dichelyma pallescens
3 Didymodon cylindricus } Barbula tortuosa (large specimens) } Eucalypta ciliata (the smaller)
4 Hedwigia ciliata (Correct) in Part.
5 Leucobryum vulgare (")
6 Ceratodon purpureus (")
7 Barbula brevipes = Leptotrichum tortile
8 Grimmia pulvinata
9 " hermulosum } Racomitrium aciculare
10 " Olneyi
11 " unicolor
(4) The upper specimen on the H. ciliata sheet is very likely Grimmia conferta. See the pale capsule.
12 Barbula convoluta = No 7 L. tortile
13 Grimmia apocarpa = var. rivularis.
14 " conferta = G. apocarpa
15 Barbula unguiculata (Correct)
16 Trichostomum pyriforme = Dicranella rufescens
17 Barbula fallax = Nos. 12 + 7
18 Racomitrium Fitzgeraldii = Three species
The large specimens contains two. The barren part is Ulota crispula. The fruiting Orthotrichum, leiocarpum. The small specimen is an ~~Orthotrichum~~ / possibly O. sordidum.
19 Orthotrichum alpestre = O. sordidum
20 O. obtusifolium = (Correct)

~~List~~ of New Brunswick Mosses.
sent by J. Moser March 1887

1 Pottia latifolia = Weissia viridula
2 Racomitrium patens = Dichodontium pellucidum
3 Dichodontium [illegible] } Barbula tortuosa (large specimens) / Encalypta ciliata (the smaller)
4 Hedwigia ciliata (Correct) in Part.
5 Leucobryum vulgare (")
6 Leucodon julaceus (")
7 Barbula flexipes = Leptotrichum tortile
8 Grimmia pulvinata
9 " Hartmanni } Racomitrium aciculare
10 " Olneyi
11 " ovata
(?) The upper specimens on the H. ciliata sheet is very likely Grimmia conferta. See the pale capsule.
12 Barbula convoluta = No 7 L. tortile
13 Grimmia apocarpa = var. rivularis.
14 " conferta = G. apocarpa
15 Barbula unguiculata (Correct)
16 Trichostomum tophaceum = Dicranella rufescens
17 Barbula fallax = Nos. 12 + 7
18 Macromitrium Fitzgeraldii = Three species. The large specimens contains two. The lower part is Ulota crispula. The upper Orthotrichum, Leiocarpum. The small specimen Orthotrichum / possibly O. [illegible]
[illegible]

21 Ulota crispula (Corect)
20 " " Ludwigii (")
22 Webera Lescuriana (")
23 Meesia ~~tristicha~~ = Bryum uliginosum
24 Webera Drummondii = W. annotina? Too small.
25 Amblyodon dealbatus = Bryum Duvalii
26 Webera commutata = Amblystegium radicale
27 Leptobryum pyriforme (Corect)
28 Funaria hygrometrica (")
29 Philonotis fontana (")
30 Ph. " Muhlenbergii }
31 Bartramia pomiformis } = No 29 Ph. fontana
32 " Oederiana }

Better send me specimens of 1, 2, 7, 12, 17. I will examine them carefully but still I think all the determinations are correct.

Parcel No 2.

1 Frullania = F. Grayana
2 Mastigobryum trilobatum (Correct)
3 " triflexum = No 2.
4 Madotheca platyphylla (Corect)
5 Marchantia polymorpha (")
6 Trichocolea tomentella
7 Jungermannia barbata mixed with other things
8 Bryum uliginosum = B. pseudotriquetrum
9 " intermedium = Webera nutans
10 " cirrhatum = B. bimum
11 " obconicum = B. uliginosum
12 " turbinatum = W. albicans
13 " capillare = W. annotina

2

21 [illegible] crispata (Cress.)
22 " [illegible] (")
23 [illegible] [illegible] (")
24 [illegible] [illegible] = [illegible] [illegible]
25 [illegible] [illegible] = [illegible] [illegible]
26 [illegible] [illegible] = [illegible] [illegible]
27 [illegible] [illegible] (Cress.)
28 [illegible] [illegible] (")
29 [illegible] [illegible] (")
30 [illegible] " [illegible]
31 [illegible] [illegible] = No. 29 [illegible]
32 " [illegible]

Better send me specimens of 1, 2, 7, 12, 17. I only examined these cursorily but think I think as the determinations are correct.

Parcel No. 2.

1 [illegible] = [illegible]
2 [illegible] [illegible] (Cress.)
3 " [illegible] = No. 2.
4 [illegible] [illegible] (Cress.)
5 [illegible] [illegible] (")
6 [illegible] [illegible]
7 [illegible] [illegible] = B. [illegible]
8 [illegible] [illegible] = [illegible] [illegible]
9 " [illegible] = B. [illegible]
10 " [illegible] = B. [illegible]
11 " [illegible] = B. [illegible]

14 Bryum pallens = W. annotina except the large specimens which is B. intermedium

15 B. alpinum = W. annotina

16 B. pseudotriquetrum = No 15

17 B. atropurpureum = B. intermedium

18 B. caespiticium = W. nutans — large specimens

These two are ?? } They seem to be a Webera. Am uncertain about them

19 B. subrotundum }

20 Mnium cuspidatum (Correct.)

21 " Drummondii (")

22 " affine (")

23 " punctatum (")

24 M " spinosum = Bryum roseum

25 " serratum } = M. spinulosum

26 " Nevii }

27 " umbratile = M. orthorhynchum

28 " orthorhynchum = affine

29 " stellare = Amblyodon dealbatus

30 Aulacomnium palustre Yes.

31 Atrichum angustatum = A. undulatum

32 " undulatum = Yes.

33 " angust. = yes

34 Pogonatum brevicaule yes.

35 " brachyphyllum = Pog. urnigerum

36 Fontinalis antipyretica = var. gigantea

37 " Dalecarlica Yes.

38 Neckera pennata yes.

39 Homalia trichomanoides yes

40 Platygyrium repens = H. sericeum }

41 Antitrichia curtipendula = H. lutescens } no fruit

42 Pterigynandrum filiforme = H. radicale }

8

14 Conopora pallida = Col. erratica small-ts
Large specimens which is C. intermedia
15 Co. operculum = H. ornatria
16 C. pseudopyxidata = n. 15
17 C. subquadrata = C. intermedium
18 C. cornuta = H. radians - large specimen
The loose ones ?) They seem to be slightly
19 C. subintermedium } [illegible]
20 Micropora [illegible] (Canu)
21 " Orientalis (")
22 " affinis (")
23 " pectinata (")
24 M " spinosum = Cryptopora [illegible]
25 " [illegible] } = M. spinulosum
26 " [illegible]
27 " umbilicata = M. [illegible]
28 " [illegible] = affinis
29 " stellata = [illegible]
30 Cellepora [illegible] sp.
31 Lichenopora [illegible] = L. [illegible]
32 " [illegible] = sp.
33 " [illegible] = sp.
34 Porella [illegible] = [illegible]
35 " [illegible] = [illegible]
36 [illegible] sp.
37 " [illegible]
38 [illegible] sp.
39 [illegible] = [illegible]
40 [illegible]

43 Anomodon rostratus = A. obtusifolius
44 Thelia asprella = Leucodon sciuroides
45 Myurella apiculata } Anomodon rostratus
46 " julacea }
47 " Careyana = Hypnum [illegible]
48 Leskea polycarpa. Yes.
49 Thelia hirtella = Leskea nervosa.

Panel No 3.

1 Dicranella heteromalla Yes.
2 " cerviculata = D. heteromalla
3 " varia Yes.
4 " crispa = Cynodontium virens Var. wahlenbergii
5 Dicranella subulata Yes.
6 Platygyrium repens = Hypn. recurvans
7 Pylaisia polyantha = ~~yes~~ Platygyrium repens
8 " heteromalla = P. polyantha
9 " subdenticulata = P. polyantha
10 " intricata yes
11 " velutina Yes.
12 Homalothecium subcapillatum = Hypnum reptile
13 Cylindrothecium cladorrhizans Yes.
14 Dicranum falcatum = D. scoparium Var.
15 " montanum = D. scoparium
16 " flagellare Yes.
17 " albicans = D. scoparium
18 " elongatum = Bartramia Oederiana
19 " fuscescens yes.
20 " Muhlenbeckii = D. scoparium
20 " scoparium Yes.
21 " undulatum yes.
22 Campylopus [illegible] = Dicranum flagellare

45 [illegible] = D. [illegible]
46 Trematodon [illegible] = [illegible]
46 " [illegible] } [illegible]
47 " [illegible]
48 [illegible] = [illegible]
49 [illegible] Syn.

Plate No 3.

1 Dicranella heteromalla Syn.
2 " cerviculata = D. heteromalla
3 " varia
4 " crispa = [illegible] Syn.
5 Dicranella subulata Syn.
6 [illegible] = [illegible]
7 [illegible] = [illegible]
8 " [illegible] = [illegible]
9 " [illegible] = D. [illegible]
10 " [illegible] Syn.
11 " [illegible] Syn.
12 [illegible] = [illegible]
13 [illegible] Syn.
14 Dicranum [illegible] = D. [illegible]
15 " [illegible] = D. [illegible]
16 " fragilis Syn.
17 " albicans = D. [illegible]
18 " elongatum = [illegible]
19 " [illegible] Syn.
20 " [illegible] = D. [illegible]
20 " scoparium Syn.
21 " [illegible] Syn.
22 [illegible] = [illegible]

Dicranum longifolium = D. scoparium
24 " filarum. = D. scoparium
25 Sphagnum acutifolium (No 1)
" " var. fuscum (No 2)
" " var. [illegible] (No 3)
26 " cymbifolium yes
27 " strictum yes.
28 " squarrosum. yes (See Page 9)
29 " subsecundum = Yes.
30 " rigidum = squarrosum
31 Desmatodon ambiguus yes.
32 Dicranoweisia cirrhata = No. (See Page 9)
33 Cynodontium gracilescens = Dicranum montanum
34 Weisia viridula = Dicranella subulata

Parcel No 4

1 35 Hypnum filicinum yes.
2 36 " rugosum = uncinatum + cordifolium
3 37 " crista-castrensis yes.
4 38 " molluscum = uncinatum
5 39 " uncinatum No 1 = fertile
6 40 " " No 2 = No
7 41 " " No 3 fertile
8 42 " fluitans = [illegible] aduncum [illegible] uncinatum
9 43 " fluitans = H. exannulatum
10 44 " revolvens = aduncum var. Sendtneri
11 45 " lycopodioides = aduncum [illegible] fertile
12 46 " uncinatum = fertile
13 47 " Sendtneri = Cossoni
14 48 " aduncum = [illegible]
15 49 " stellatum = squarrosum
16 " chrysophyllum yes.

24 Dicranum longifolium = D. scoparium
 " fulvum = D. scoparium
25 Sphagnum acutifolium (No 1)
 " " var. fuscum (No 2)
 " " var. [illegible] (No 3)
26 " cymbifolium
27 " [illegible] sp.
28 " squarrosum sp.
 sp. (See Page 9)
29 " subsecundum = Sp.
30 " rigidum = squarrosum
31 Desmatodon [illegible] sp.
32 Oreoweisia [illegible] = No. (See Page 9)
33 Leptodontium gracilescens = Dicranum montanum
34 Weisia viridula = Dicranella [illegible]

Parcel No 4

1 35 Hypnum filicinum sp.
2 36 " rugosum = [illegible] + [illegible]
3 37 " crista-castrensis sp.
4 38 " molluscum = uncinatum
5 39 " uncinatum No 1 = fertile
6 40 " " No 2 = do
7 41 " " No 3 fertile
8 42 " fluitans = [illegible]
9 43 " [illegible] = H. [illegible]
10 44 " [illegible] = [illegible]
11 45 " [illegible] = [illegible] fertile
12 46 " [illegible] = fertile
13 47 " [illegible] = [illegible]
14 48 " [illegible] = [illegible]
15 49 " [illegible] = squarrosum
16 50 " [illegible] sp.

17 Hypnum hispidulum yes 1–4 5–7 serpens
18 " riparium yes
19 " vacillans = laetum
20 " Lesenii = riparium chiefly
21 " compactum = serpens
22 " adnatum = sylvaticum
23 " fluviatile = laetum
24 " irriguum = radicale
25 " orthocladus } = H. Haldanianum
26 " radicale
27 " serpens yes in part.
28 " subtile = mixed serpens & a Brachythecium possibly lætum
29 " minutissimum = serpens
30 " nemorosum = cupressiforme
31 " Bambergii = curvifolium
32 " pratense = aduncum
33 " curvifolium yes.
34 " cupressiforme no 1 = fertile
35 " " 22 = repitile too late specimens (see page 8)
36 " imponens = fertile
37 " circinale = fertile mixed.
38 " depressulum = H. fertile
39 " hamulosum = curvifolium
40 " reptile = mixed with Sylvaticum

Parcel No 5

1 " laetum yes
2 " acuminatum = populeum
3 " salebrosum yes
4 " " yes
5 " albicans = laetum
6 " velutinum = laetum

17 [illegible] [illegible] sp. 1–4 [illegible]
18 " [illegible] sp.
19 " [illegible] = [illegible]
20 " [illegible] = [illegible] chiefly
21 " [illegible] = [illegible]
22 " [illegible] = [illegible]
23 " [illegible] = [illegible]
24 " [illegible] = [illegible]
25 " [illegible] } = [illegible]
26 " [illegible]
27 " [illegible] sp. [illegible]
28 " [illegible] = [illegible] [illegible]
29 " [illegible] = [illegible]
30 " [illegible] = [illegible]
31 " [illegible] = [illegible]
32 " [illegible] = [illegible]
33 " [illegible] sp.
34 " [illegible] No 1 = [illegible] ([illegible])
35 " " No 2 = [illegible]
36 " [illegible] = [illegible]
37 " [illegible] = [illegible]
38 " [illegible] = [illegible]
39 " [illegible] = [illegible]
40 " [illegible] = [illegible]

Plate No 5

1 " [illegible] sp.
2 " [illegible] = [illegible]
3 " [illegible] sp.
4 " " sp.
5 " [illegible] = [illegible]
6 " [illegible] = [illegible]

7 Hypnum velutinum var.! = rutabulum
8 " Starkii = partly chiefly [illegible]
9 " reflexum = laetum
10 " rutabulum = laetum
11 " campestre = acuminatum
12 " Novae-angliae = plumosum
13 " recurvans = curvifolium
14 " rivulare yes ?
15 " populeum = chiefly serpens
16 " plumosum = rivulare
17 " myosuroides = ~~[illegible]~~ = 18
18 " Brewerianum = Anomodon attenuatus
19 " strigosum = plumosum
20 " Boscii = Oakesii
21 " piliferum = laetum
22 " Sullivantii = Nos 1-2 = laetum (see Pos ?)
23 " hians = strigosum
24 " [illegible] = may be Novae-angliae. No. I cannot determine
25 " Stokesii = chiefly stellatum
26 " [illegible] = Too poor
27 " Novae-Caesareae = radicale & [larger] riparius
28 " cylindrocarpum = imponens
29 " Jamesii = [illegible] ? No [illegible]
30 " campestre = recurvans
31 " deplanatum = serrulatum
32 " [illegible] yes
33 " Alleghaniense = [illegible] ?
34 " [illegible] = [illegible]
35 " [illegible] = [illegible]
36 " minus = denticulatum
37 " [illegible] yes

H. populeum !! = [illegible]

No. [illegible] = [illegible]

		[illegible] = [illegible]
9	"	[illegible] = [illegible]
10	"	[illegible] = [illegible]
11	"	[illegible] = [illegible]
12	"	[illegible] = [illegible]
13	"	[illegible] = [illegible]
14	"	[illegible] = [illegible]
15	"	[illegible] [illegible]
16	"	[illegible] = [illegible]
17	"	[illegible] = [illegible]
18	"	[illegible] = ~~[illegible]~~ = 18
19	"	[illegible] = [illegible]
20	"	[illegible] = [illegible]
21	"	[illegible] = [illegible]
22	"	[illegible] = [illegible]
23	"	[illegible] = [illegible]
24	"	[illegible] = [illegible]
25	"	[illegible] = [illegible]
26	"	[illegible] = [illegible]
27	"	[illegible] = [illegible]
28	"	[illegible] = [illegible]
29	"	[illegible] = [illegible]
30	"	[illegible] = [illegible]
31	"	[illegible] = [illegible]
32	"	[illegible] = [illegible]
33	"	[illegible] = [illegible]
34	"	[illegible] = [illegible]
35	"	[illegible] = [illegible]
36	"	[illegible] = [illegible]
37	"	[illegible] = [illegible]

38 Hypnum elegans = sylvaticum
39 " denticulatum ges
40 " Sullivantii = sylvaticum
41 " sylvaticum ges
42 " Mühlenbeckii = turfaceum
43 " subfalcatum = elegans

Pensch VI

1 " patens ges
2 " alpestre = 1
3 " arcticum = Lorenzii ?
4 " obtusifolium = molle
5 " montanum = 1
6 " eugyrium v.1 = rutabulum
7 " " v.2 = " = 6
8 " ochraceum = 1
9 " cordifolium ges.
10 " cuspidatum = similare a Novae-Angliae
11 " Schreberi = rutabulum
12 " stramineum = cuspidatum ~~[illegible]~~
13 " splendens ges
14 " triquetrum ges
15 " ~~abietinum~~ = ~~populeum~~ [illegible]
16 " Crista ~~[illegible]~~ = stellatum
17 " squarrosulum = gracile
18 " cristatum = aduncum
19 " hispidulum = Schreberi
20 " ~~tamariscinum~~ = 21
21 " recognitum = [illegible]
22 " delicatulum = recognitum
23 " Whippleanum = Novae-Angliae ?
24 " Camalinum = circulare

39 " elegans = [illegible]
40 " [illegible]
41 " [illegible]
42 " [illegible]
43 " [illegible]

Period VI

1 " [illegible]
2 " [illegible] = 1
3 " [illegible] = [illegible] ?
4 " [illegible] = [illegible]
5 " [illegible] = 1
6 " [illegible] = [illegible]
7 " " [illegible] = " = 6
8 " [illegible] = 1
9 " [illegible]
10 " [illegible] = [illegible]
11 " [illegible] = [illegible]
12 " [illegible] = [illegible]
13 " [illegible]
14 " [illegible]
15 " [illegible] – [illegible]
16 " [illegible] = [illegible]
17 " [illegible] = [illegible]
18 " [illegible] = [illegible]
19 " [illegible] = [illegible]
20 " [illegible] = 21
21 " [illegible]
22 " [illegible] = [illegible]
23 " [illegible] – [illegible] ?
24 " [illegible] = [illegible]

25 Hypnum [illegible] = can't name. may be a form of cupress.
26 " crispifolium = radicale
27 " paludosum = Blandowii

Notes.

Parcel No. 3 (28) The middle specimen is S. cymbifolium
" (No 32) This is likely a Dicranum but I cannot make it out. Get better specimens.
Parcel No 4 (No 35) The queried specimen is evidently fertile
Parcel No 5 (22) The three lower specimens are either [illegible] or another species. Get more of this as I am not sure of it.

I have now gone over all the moss and as you see made numerous changes in the names. What I wish you to understand is that the Hypnums are only approximately named. You may rely however on the greater number being right. Next autumn I wish you to send two specimens if possible of each species or form keep a specimen of exactly the same yourself and put a number on it sending the same number to me. I will give you the name according to the number and wherever I have the slightest doubt I will send it to Europe and have my doubt removed and communicate the result to you. In the end you will have a collection properly named and of great value for reference. Should you have the specimens ready for me in Oct. I could have your whole collection properly named before New Year. Very truly yours

John Macoun

George U. Hay
St. John
New Brunswick

25 Hypnum [illegible] = [illegible] may be young & unfruitful.
26 " [illegible] = andina
27 " [illegible] = Blandowii
[illegible].

Parcel No. 3 (24) The middle specimen is L. [illegible]
" (No 32) This is likely a Cassiope but I cannot make it out. but better specimens.
Parcel No 4 (No 26) The general specimen is evidently [illegible]
Parcel No 5 (22) The three lower specimens are either [illegible] or another species. but more of this as I am not sure of it.

I have now gone over all the moss and as you say made numerous changes in the names. What I wish you to notice is that the Hypnums are only approximately named. You may rely however on the great number being right. Next autumn I wish you to send two specimens of [illegible] of each species as far as such a specimen [illegible] the same generally and put a number on it according the same number to each. I will give you the names according to the number and whenever I have the slightest doubt I will send it to Europe and have my doubt removed and communicate the result to you. In the end you will have a collection properly named and in good order for reference. Should you have the specimens ready for me in Oct. I could have your whole collection properly named before New Year.

Very truly yours
John Macoun

Mr. Jno. Fannin
[illegible]

Sep. 12th 1887

My dear Sir.

In answer to your note of Aug 29 I may state that there is no cartroad to the Peace River although we took carts to Fort Assiniboine on the Athabasca fifteen years ago.

At present there is a good cartroad from Edmonton to Athabasca Landing — distance 90 miles. From there the way is by boat down the Athabasca to the Mouth of Little Slave River, up that River to the Lake and up it to its head where there is a H. B. Cos. Post. From thence to Peace River — 70 miles — there is a horse trail. The river is there crossed and a further ride of 50 miles will take you to Dunvegan. The above applied 15 years ago. Of the changes made since I can say nothing. I crossed overland from Fort Assiniboine to Little Slave Lake with horses but the difficulties were so great

Sep. 12th 1897

My dear Sir.

In answer to your note of Aug 9 I may state that there is no settlement to the Peace River although we took carts to Fort Vermilion on the Athabasca [illegible] years ago. At present there is a good cart road from Edmonton to Athabasca Landing distance 90 miles. From there the way is by boat down the Athabasca to the mouth of Little Slave River up that river to the Lake and up it to its head where there is a H.B.Co. Post. From there to Peace River - 90 miles - there is a horse trail. The river is then crossed and a further ride of [illegible] miles takes you to Dunvegan. The above applied [illegible] years ago. Of the changes made since I can say nothing. I heard [illegible] from Fort Vermilion to Little Slave Lake with [illegible]. But the difficulties were very great

I would not advise any one to attempt it again. We were sixteen days on the route and there is or was no trail no one could cross it without a guide.

Dr. Dawson's Report which is later than mine was published in the Railway Report for 1880. My Reports were published in the Railway Report of 1872 and the Geological Report for 1875-76. These reports will give you all the Geological and other information you may desire. As these Reports are now out of print you should try and get them from a second hand bookseller.

An application to the Department of the Interior in this city should get you a map of the country. State exactly the reason you ask for it.

Very truly yours
John Macoun

Mr. Thomas Watts
~~[illegible]~~
Alberta

I would not advise any one to attempt it again. We were sixteen days on the route and there is so much no-trail no one could [illegible] out a guide. Dr. Dawson's Report which is later than mine was published in the Railway Report for 1880. My Reports were published in the Railway Report of 1872 and the Geological Report for 1875-76. These reports will give you all the geological and other information you may desire. As these Reports are now out of print you should try and get them from a Second Hand Bookseller.

Our application to the Department of the Interior in Ottawa [illegible] for you a map of the country, [illegible] the [illegible] you ask for it.

Very truly yours
John Macoun

Mr. Thomas White
~~Athabasca~~
Alberta

Sep. 12th 1887

Secretary of the Dept. of Interior

Sir

I beg to acknowledge your letter of the 6th inst enclosing a copy of a letter from Mr. Logan of Portsmouth Mich. and in reply beg to state that:

(1) The Dominion Government own no lands containing merchantable elm timber.

(2) Throughout Ontario and Quebec there are still large quantities of this timber part of which is still in the hands of the Provincial Governments and the larger part in the hands of private individuals.

(3) The counties bordering on Lakes Erie & Huron and the Georgian Bay contain the greater proportion of what remains in Ontario.

Sept. 12th 1887

Secretary of the Dept. of Interior

Sir

I beg to acknowledge your letter of the 6th inst enclosing a copy of a letter from Mr. Lyman of Portsmouth, N.H., and in reply beg to state that:–

(1) The Dominion Government own no lands containing manganese ore either. There are

(2) Throughout Ontario and Quebec, in the northern part of these large quantities of the lands of the Province which is still in the Crown – part in the Governments and the hands of private individuals.

(3) The country bordering on Lakes Sup. & Huron the formation and the Georgian Bay contains the … in Ontario, formations of which nearest

(4) Letters to the Ontario Commissioner of Woods & Forests at Toronto or to the mill owners in Western Ontario will be sure to elicit the information wanted.

I have the honour to be

Sir

Your obedient servant

John Macoun,

Dominion Botanist.

(4) Letter to the Ontario Commissioner of
Public Works at Toronto as to the list
names in Western Ontario with the same
to which the information needed.
I have the honour &c.
Sir
Your obedient servant
[illegible]
Commissioner [illegible]

Sep 2nd 1887

Richard White Esq.

Dear Sir

I purpose writing Part IV, the coming winter and would commence at once if I was certain that you could do the printing say after the middle of next month. By that time I would have a quantity of copy and could keep ahead of you until we could get it finished. Besides the above I will have a report on Vancouver Island which ought to be printed by the beginning of May. The two articles will cover 350 pages of print so we will need to get at them betimes. Please let me know if you will want the copy in October. Very truly yours

John Macoun

Feb 2[illegible]th 1857

Richard White Esq.

Dear Sir

I purpose writing Part IV, the Economy, Politics and Social Government at once if I am certain that you could do the printing say after the middle of next month. By that time I would have a quantity of copy and could keep ahead of you so that we could get it finished. Besides the above I will have a Report on Vancouver Island which ought to be printed by the beginning of May. The two articles will cover 350 pages of print &c. we will need to get at them at once. Please let me know if you will want the copy in October. Very truly yours

[illegible]

September 28th 1887

My dear Sir

Having been absent all summer on Vancouver Island and only returned a few days since I was unable to answer your earlier communications. I shall now take up the whole subject in detail and make a few notes on the species published as a commencement. Colonist July 5/87

No 1. Is not found on Newfoundland

No 7 do. do

Nos 11, 12, 18, & 36 are not recognized by the names given

I note in the Colonist of Sep. 8th that you fail to take advantage of my Catalogue to bring the nomenclature in accord with modern investigations. By not doing this you publish names that have been long dropped and place yourself in an awkward position as you must name your species in accordance with the best authorities or your lists will be of no

September 28th 1897

My dear Sir

Having been absent all summer on Vancouver Island and only returned a few days since I am unable to answer your earlier communications. I shall now take up the whole subject in detail and make a few notes on the species particularly as a commencement. Colonist July 5/97

No 1. Is not found on Newfoundland

No 2 do. do.

Nos 11, 12, 18, & 36 are not recognized by the names given

I note in the Colonist of Sep. 7th that you fail to take advantage of my catalogue to bring the names etc. in accord with modern investigations. By not doing this you publish names that have been long dropped and place yourself in an awkward position as you must name your species in accordance with the best authorities or your lists will be of no

value. If in the future you publish the old name you should mention the name used now for that species.

Your No 17 (Sep. 10) is likely Rubus trifolius. No 58 is possibly Potentilla Canadensis. No 64 is Habenaria dilatata. H. hyperborea has green flowers. No 65 is Corallorhiza multiflora. C. odontorhiza has not brown flowers. The above are all the notes I see worth making on the list of species so far as published. You are doing a good work and one that will be better understood by the people when they begin to realize the value of a knowledge of the flora of the island. It was my knowledge of botany that enabled me to boom our north west as the scientific data I produced were unanswerable. It may be yours to boom New-foundland for depend upon it, a knowledge of its indigenous flora will soon settle the climatic con-ditions. Were Newfoundland one of our provinces I would bring it before the world in a year.

Mr. Fletcher brought me half a dozen or more of your plants to name the other day and when speaking of it I may say that nothing would please me

water. If in the future you publish the old name
you should mention the name used now for that
species.

From No 17 (Sept. 10) is likely Rubus hispidus. No 58
is possibly Potentilla Canadensis. No 64 is Habenaria dila-
ta. Hypericum has green flowers. No 65 is Scutellaria [illegible]
multiflora. S. lateriflora has not been [illegible].
The above are all the notes I see worth making on the
list of species so far as published. You are doing a
good work and one that will be better understood
by the people when they begin to realize the value
of a knowledge of the flora of the island. It was
my knowledge of botany that enabled me to know
our north west as the scientific data [illegible]
[illegible]. It may be years ere [illegible] be-
-yond [illegible] for [illegible] upon it, the knowledge of its
[illegible] flora will come with the climatic con-
-ditions. [illegible] on of new [illegible]
[illegible] it before the world [illegible] years
[illegible] brought [illegible] half a dozen or more
[illegible] to name the other day and [illegible]
of your plants [illegible] nothing should [illegible] me
of it I may say that

better than naming any plants you may see fit to send. Our collections include everything you will find so that the trouble will be nothing. I will return the specimens if necessary.

I am about to commence Part IV of my Catalogue and will be glad to have your notes on the Endogens and Acrogens of the Island. Send me specimens of all grasses, sedges and rushes and I will return them to you.

In answer to your Card of 7th inst I may say that I have received the "Government Land Book" and consider it a very creditable production. The "Balm-tree" mentioned on Page 37 is without any doubt Populus balsamifera as the locality where found and the description of the tree tally with it only. The "Partridge Berry" is Vaccinium Vitis-Idaea and is very common in the northern forest regions. Please accept my best thanks for the pamphlet.

Your letter of Sept. 2nd is before me and I have read it with great interest. I am delighted to find that at last some one has taken up the botany

better than wearing my blank years may be fifty
cents. Our collection includes everything you
will find so that the result will be nothing, I wish
unless the expense is necessary.

I have ordered the concerning Part IV of my
Catalogue and will be glad to have your notes on the
Coleoptera and Orthoptera of the Island. Send me speci-
mens of all groups, in alpha and number and I will
return them to you.

In answer to your Card of 7th inst I may
say that I have received the "Government" Hand Book
and consider it a very valuable [illegible]. The
"Cabra-tree" mentioned on Page 87 is not and very-
likely [illegible] as the locality where
found and the description of the tree tally with it [illegible]
The "Cartilage Berry" is Vaccinium Vitis-Idaea
and is very common in the northern hemisphere.
Please accept my best thanks for the pamphlet

Your letter of [illegible] is before me and I have
read it with great interest. I am delighted to find
that at last some one has taken up the botany

of the "new land". Any help I can give you will be gladly available at any time and plants sent to name will be attended to at once. You will see by my catalogue that I have started on a great work and want all the information possible to make it a success.

Before attempting a revised list I would advise you to send a specimen of each species either to me or some other person competent to give an opinion and by that means you could speak with confidence of what your country produces without you do this much of the real value will be lost as botanists are slow to believe what they do not see. Gray & Wood cover the whole of your plants except about half a dozen species and the old editions of the Manuals cover all the ground. Still Gray's Gamopetalae to be had for five dollars will give everything included in Part II of my Catalogue.

Cornaci's names are very obscure but those you mention are Bicuta bulbifera & Cicuta bulbifera. Lycopus Virginicus is correct. See Part II Page 382. Lycopus Tetrahit = Galeopsis Tetrahit.

of the "new Land". Any help I can give you will be gladly available at any time and plants sent to me will be attended to at once. You will see by my catalogue that I have started on a great whole and want all the information possible to make it a success.

Before attempting a revised list I would advise you to send a specimen of each species either to me or some other person competent to give an opinion and by that means you would speak with confidence of what your country produces without you do this much of the real value will be lost as botanists are slow to believe what they do not see. Gray & Hook[illegible] over the whole of your plants exactly about half a dozen species and the old collection of the Macoun's as on the ground. [illegible] to be had for [illegible] dollars will give everything included in Part II of my Catalogue. Macoun's name as my name but the [illegible] on [illegible] — [illegible]
[illegible] is correct. See Part II Page 382
[illegible] = [illegible]

The scrap of Ranunculus sent is very interesting as it is either introduced from England or ^(nearly) new to America. I make it out to be Ranunculus ~~h~~ aquatilis Var. heterophyllus Fries. See Gray's Manual Page 41. The little mint is Lamium purpureum. Please when collecting take a reasonably large speci--men as scraps are both hard to identify and useless in the herbarium.

Wishing you every success in your botanical studies and offering you all the assistance in my power

I remain Very truly yours

John Macoun

P. S. Please let me have if possible a copy of Cormack's travels

Rev. Arthur Waghorne
New Harbor, Trinity Bay
Newfoundland.

The [illegible] of Ranunculus sent is very interesting as it is either introduced from England or from (maybe) to America. I make it out to be Ranunculus [illegible] agrestis Var. [illegible] Flora. See Gray's Manual page 41. The little moth in Ranunculus [illegible]. Please return [illegible] a reasonably large speci- -men as [illegible] are little hard to identify and [illegible] in the herbarium.

Wishing you every success in your botanical studies and offering you all the assistance in my power

I remain Very truly yours

[illegible]

P.S. Please let me have if possible a copy of [illegible]

Rev. Arthur Waghorne
New Harbour, Trinity Bay
Newfoundland

[illegible] 25th 1887.

Dear Mr Murray

After a summer spent on Vancouver Island I have returned to Ottawa and commenced work. According to promise I have gone over my collection of seaweeds and, by this [illegible], have sent duplicates of my eastern species and specimens from all points on the <u>east</u> coast of Vancouver Island. These latter are duplicated in many instances but I wished you to have <u>all</u> lo[illegible]ties represented. I send 200 specimens of seaweed and ten <u>other things</u>.

I [illegible] very extensive collections on Barclay Sound on [illegible] <u>west coast</u> but these have not reached here yet. On their arrival I will go over them and send you a specimen of each form. Please at your convenience go over my paper and compare my specimens with

Ap. 25th 1887.

Dear Mr [illegible]

After a summer spent on Vancouver Island I have returned to Ottawa and commenced work. According to promise I have gone over my collection of seaweeds and, by this mail have sent duplicates of my eastern species and specimens from all points on the east coast of Vancouver Island. These latter are duplicated in many instances but I wished you to have all the Coast represented. I send 200 specimens of seaweed and ten other things.

I very extensive collection on Barclay Sound on "west coast" but these have not reached here yet. On their arrival I will go over them and send you a specimen of each form. Please at your convenience go over my parcel and compare my specimens with

the forms in your collections and send me the names and varieties where these are such.

If you can afford it I would like very much to receive for our herbarium, duplicates of American or other algae in exchange

Very truly yours

John Macoun

G. R. M. Murray F.L.S.
British Museum.

Sep. 29th 1887

My dear Sir

Your note of 24th inst. has just been received. The Euonymus alluded to is very likely E. atropurpureus. I would be very glad to receive a specimen as it would leave no doubt about the matter. Try and let me see the Utricularia and any other interesting thing you may have.

I am about to commence writing Part IV and would be glad of all your notes on the Endogens and Acrogens as soon as convenient. Send me specimens, if you have them, of all your Juncus, Carex and Gramineae and I will return them.

Very truly Yours
John Macoun

John Dearness Esq
Public School Inspector
London. Ont.

Apr. 29th 1887

My dear Sir

Your note of 24th inst. has just been received. The Eriophorum alluded to is very likely E. alpinum. I would be very glad to receive a specimen as it would leave no doubt about the matter. Try and let me see the Botrychiums and any other interesting thing you may have.

I am about to commence writing Part IV and would be glad of all your notes on the Endogens and Acrogens as soon as convenient. Send me specimens, if you have them, of all your Juncus, Carex and Gramineae and I will return them.

Very truly yours
John Macoun

John Dearness Esq
Public School Inspector
London. Ont.

Sep. 30th 1887

My dear Sir

Did I understand in your first letter that you had sent the mosses back to me? If so they are not here as far as I can see.

I have your second letter and am still more desirous of helping you in the Bryological line. Send me specimens like the one I enclose and I will name them correctly and return them or keep them as you may determine. I have nothing to do with the Natural History Society as a society but wish to have you as a worker in the Cryptogamic field and so am selfish in the matter. Let me know whether or not you sent up the mosses.

My age is 57 so you see we are both up in years. Still I can tire out most young men.

Very truly yours
John Macoun

Mr. John Moser
Canaan Forks, N. B.

Sept. 30th 1887

My dear Sir

Did I understand in your first letter that you had sent the moss back to me? If so they are not here so far as I can see.

I have your second letter and am still more desirous of helping you in the Bryological line. Send me specimens like the one I enclose and I will name them correctly and return them or keep them as you may determine. I have nothing to do with the National Herbarium Society as a society but wish to have you as a worker in the Bryological field and so am selfish in the matter. Let me know whether or not you sent only the moss.

My age is 67 so you see we are both up in years. Still I can tire out most young men.

Yours truly
John Macoun

Mr. John Moser
[illegible]

Sep. 30th 1887

My dear Sir

Your letter of June 28th was mislaid and only fell into my hands a few days since. In answer I may state that I have collected quite a number of reptiles and batrachians on Vancouver Island and as soon as I get them sorted out I will keep a set for ourselves and forward the rest to you for your use and for identification.

In the coming years I will be gradually collecting specimens of these orders and will send duplicates of everything I may detect to you

Very truly yours

John Macoun

G. A. Boulenger F.Z.S.
British Museum
South Kensington

Sep. 30th 1894

My dear Sir

Your letter of June 28th was mislaid and only fell into my hands a few days since. In answer I may state that I have collected quite a number of reptiles and batrachians on Vancouver Island and as soon as I get them sorted out I will pick a set for ourselves and forward the rest to you for your use and for identification. In the coming year I will be gradually collecting specimens of these orders and will send duplicates of everything I may collect to you

Very truly yours

John Macoun

G. A. Boulenger F.R.S.
British Museum
South Kensington

Oct. 1st 1887

My dear Sir

Your note of Aug. 20th was here on my return from Vancouver Island and my delay in answering is partly from that cause.

The spruce sent to Ireland is very likely shipped from St John N.B. or some other maritime province port and is obtained from undersized trees and must be very full of knots. We ship no spruce from here as all our lumbermen are in the white pine trade. I think you call this yellow pine. You remember the exhibit I showed you in the west Annex, sent from here and which you admired so much. That is the class of deals and boards and other stuff manufactured here. We have the finest mills on the American continent here in our midst and the under-mentioned firms I have no doubt will give you quotations without the aid of Middlemen.

Oct. 1st 1887

My dear Sir

Your note of Aug. 20th was here on my return from Vancouver Island and my delay in answering is partly from that cause.

The spruce used in Ireland is very likely shipped from St. John N.B. or some other maritime province port and is obtained from undersized trees and must be very free of knots. We ship no spruce from here as all our lumber-men are in the white pine trade. I think you can use yellow pine. You remember the whitish salmon yellow pine sent you in the west Annexe, sent from here and which you admired so much. That is the class of deals and boards and other stuff manufactured here. We have the finest woods on the American Continent here in our midst and the wonder-working genius I have no doubt will win your gratitude without the aid of Michelangelo.

2

The firms are —; Bronson & Weston; Perly & Pattee (who exhibited in London) J. R. Booth, Allan Grant, and J. R. Eddy & Co.

You will get a letter from a western firm in the hardwood business to whom I have sent your address. I prefer sending you the addresses as you can then ask exactly what you want. As far as I am aware the Basin du Lievre Co. are thoroughly reliable but how much they have done the past summer as what they propose doing in the future is out of my range of knowledge as I have been absent on the Pacific all summer.

Should you write again to any of these firms mention my name as I am well known to them all and they are our "lumber princes". Remember me to our mutual friends especially to your father. Tell him that our brothers are well and that James is an Alderman and Frederick is Reeve of a [illegible] containing this square miles. Very truly Yours

Mr Jas [illegible] has been to O. [illegible] mining [illegible]

2

The firms are — Bauman & Martin; Rudolph & Castle; also exhibited in London J. B. Brooks, Clare Everett, and J. B. Eddy & Co.

You once got a letter from a western firm in the hardwood business to whom I gave my address. I prefer receiving your [illegible] addresses as you then ask exactly what you want. As far as I can learn the Bois du Lire Co. are thoroughly reliable but [illegible] made the have done the past summer & what they are doing in the future is out of my range of [illegible] already as I have been absent on the Pacific all summer.

[illegible] with regard to any of these firms mentioned [illegible] I am well known to them all and they [illegible] "Lumber firms".

Remember me to my kind friends [illegible] of your father. Tell him that [illegible] brothers are well [illegible] [illegible] in our [illegible] [illegible] is [illegible] [illegible] endeavoring [illegible]

Victoria B.C.
Oct. 1st 1887.

My dear Sir

Your note of June 27th has lain amongst my correspondents whilst I was absent in Vancouver Island for the last two months. Such a man as you desire to communicate with may be found in Ireland. The address given below is that of a firm which asks to be put in communication with some one here. The address is—

James Malcolmson
Castle View
Thomond Place
Limerick

R. C. Sutherland
Cobden
Ont.

Very truly yours
John Macoun

Ottawa [illegible]
Oct. 1st 1887.

My dear Sir

Your note of first [illegible] brought my correspondent [illegible] in Vancouver Island for the [illegible] months. As a man as your desire to [illegible] with may be found in Ireland. His address given below is that of a firm which asks to be put in communication with me here. The address is —

James Malcolmson
Castle View
Clonmel Place
Limerick

R. C. Sutherland
Cobalen[?]
Ont.

Very truly yours
John Macoun

Oct. 8th 1887

Dear Mr. Ridley

A few weeks since I returned from my trip to the Pacific Coast and since then have been "putting my house in order" and looking over my and other collections. Amongst others your large and valuable donations came in review and I find a number of northern species amongst them that are new to our herbariums. We will incorporate them this winter and at a later period I may have some notes to make on a few of them

Having commenced writing Part IV I have been working up the Orchids and have just finished enumerating them. There are a few difficulties I want you if possible to clear up. They are in Hooker's Flora. Pages 193–199 I make as follows of the [illegible] ones.

P. Menziesii I leave as it is. (What is it like?)
P. Schischmareffiana under H. unalaschensis
P. Konigii under H. hyperborea

Oct. 8th 1887

Dear Mr. Ridley

A few weeks since I returned from my trip to the Pacific Coast and since then have been "putting my house in order" and looking over my and other collections. Amongst them were large and valuable donations from Mexico and I find a number of northern species amongst them that are new to our collections. We will incorporate them this winter and at a later period I may have some notes to make on a few of them.

Having commenced writing Sept. 14 I have been working up the Orchids and have just finished enumerating them. There are a few difficulties I want you if possible to clear up. They are in Northern Flora. Page 197–199 I make as follows of the same.

P. Brunnerii I have as it is. (What is the sic?)

P. [illegible] under [illegible]

P. [illegible] under the [illegible]

P. stricta under H. gracilis and P. graminea under H. sparsiflora Watson (see Bot. of California) I have specimens from Vancouver Island of both stricta & graminea.

Is Peristylus Chorisianus a good species? I leave it as it is as I know nothing of it.

You may expect during the coming winter as many of the species of Part IV as we have in stock which I may say will be a very large percentage. My collections from Vancouver Island are very full in the orders already published and as you stand first on my list for distribution you may expect many fine things from that locality.

Please remember me to Mr. Carruthers and say I will write him on general principles in a few days.

Very truly yours
John Macoun

Henry N. Ridley F.L.S.
British Museum
London

C. stricta made the gracilis and C. spinosa made i
the sphaeriiformis Bolton (the Art of California) I have specimens
from Vancouver Island of both stricta & spinosa.

Is Brachythecium Starkianum a good species? I leave it as it is as I know nothing of it.

You may expect during the coming winter as many of the species of Part IV as we have in stock which I may say will be a very large proportion. My collections from Vancouver Island are very full in the order already published and as you should find on my list for distribution you may expect many fine things from that locality.

Please remember me to Mr. Carruthers and say I will write him in a few ... in a few days.

Yours truly
John Macoun

Henry N. Ridley Esq.
British Museum
London

Oct. 8th 1887

My dear Sir

Your note with list of plants reached
the office in July but I had left for the Pacific
Coast in April and did not return until a
few weeks since. I am now going over the
accumulated correspondence.

Regarding the list I can say but little
other than that as far as it goes it is valuable
as a local list and should be useful to Nova Scotia
botanists but to any one outside of that Province it
would be of little interest. I see by the note at
the end ~~[illegible]~~ of the list that the young lady has dried
specimens of all in her list. The price per hundred for
Californian specimens is eight dollars per 100 and hers
should be worth as much. Three years ago I botanized
in Nova Scotia and collected nearly all on her list.
Her collection should be bought for the museum in Halifax
If the specimens are unmounted they should be worth $10 per
This is the price which I received from the Government

Oct. 8th 1887

My dear Sir

Your note with list of plants reached me in July but I had left for the Pacific Coast in April and did not return until a few weeks since. I am now going over the accumulated correspondence.

Regarding the list I can say but little other than that as far as it goes it is valuable as a local list and should be useful to your botanists but to any one outside of that Province it would be of little interest. I see by the note at the end ~~[illegible]~~ of the list that the young lady has desired specimens of all in her list. The price per hundred for Californian specimens is eight dollars per 100 and her [illegible] should be worth as much. Two years ago I [illegible] in Nova Scotia and collected nearly all on her list. New Brunswick should be brought [illegible] the Provinces in [illegible]. If the specimens are [illegible] they should be worth [illegible] the price which I receive from the Government

for my collection.

As I said above the place for the collection is in a local Museum.

Very truly yours
John Macoun

Mr. A. B. Wilmot
Bedford Fish Hatching
N. S.

Oct 8th 1887

My dear Professor,

I am not exactly sure whether I wrote you last spring or not but if not you will excuse me as I ~~thought~~ I had. During the past summer I have been botanizing on Vancouver Island with very great success. I am now engaged on Part IV of my Catalogue and hope to bring it out before spring.

I merely write now to state that your manuscript Catalogue of Alaskan plants fell into my hands a few days since and from the date, it must have been here while I was absent in England. If the parcel referred to in your note came here I have never seen it as I believe it failed to connect.

Your letter has just been carefully perused and assure you that in Part IV I will follow your naming exactly. No specimens, ever reached me from you, that I have seen. Remember any duplicates I have are at your service. Please drop me a line when you receive this

Very truly yours John Macoun

Ans. [illegible]
[illegible]

Oct. 11th 1887

My dear Sir

You may not be aware that I spent all last summer on Vancouver Island collecting plants in all orders. I paid particular attention to the Carices and with this, I send samples of all my collections except, C. polytrichoides, stipata, tenella, Buxbaumii, Mertensii, aurea and filiformis. Should you desire it these will be sent also. You will notice three forms from James Bay. These were collected by my son last summer. Dr. Dawson who has been on the borders of Alaska all summer will likely bring down something additional and if so I will submit them to you.

In the parcel are a number of forms which I believe I never collected before. The most interesting to me are 4, 16, 8, ~~[illegible]~~ 33 35 36 38 39 42 46. 47, these I would like you to examine carefully and let me hear from you at an early date. Of course I want your opinion on the whole at the same time. Part IV of my catalogue will be written this winter and I purpose publishing your arrangement

Oct. 11th 1887

My dear Sir

You may not be aware that I spent all last summer on Vancouver Island collecting plants in all orders. I paid particular attention to the Carices and with this I send samples of all my collection except, C. polytrichoides, stipata, tenella, Buxbaumii, Montereyensis [?], aurea and Californica. Should you desire it these will be sent also. You will notice those from from Goose [?] Bay. These were collected by my son last summer. Dr. Dawson who has been on the borders of Alaska all summer will likely bring down something additional and if so I will submit them to you.

In the parcel are a number of Carex which I believe I never collected before. The most interesting to me are 4, 10, 8, ~~[illegible]~~ 33 36 38 39 42 46, 47, these I would like you to examine carefully and let me have your report an early date. Of course I want your opinion on the whole at the same time. Part IV of my Catalogue will be written this winter and I purpose publishing your arrangement

as far as possible and when I differ either in synonymy or otherwise I will state the reason.

In your Catalogue you omit fully fifty species we have here and had I known you were about to publish it I could have supplied you with much material as I have collected for the last 26 years in all parts of our wide Dominion.

Regarding Boeckeler's new species from Alaska I have just this to say that if his determinations are as like the Russian ones he is not to be depended on. I am glad you publish his species without comment. I have a letter from Prof. F. Kurtz of Cordova Argentine Republic, who worked up the whole collection writes me that he compared all the Carices with the types and he makes his new species as follows — B. Alaskana = C. circinata Meyer, & C. Krausei = C. capillaris var. Krausei; and Urbani = flava var. Oederi (Ehrh). ~~I suspect that~~ I am of opinion that my correspondent is correct but mention this to you so that you may look into it yourself.

Very truly yours
John Macoun

Prof. L. H. Bailey Jr.
Cambridge
Mass.

If you do [illegible] and return I [illegible] [illegible] a [illegible], I will state the reason.

In your Catalogue you credit [illegible] fifty species we have here and had I known you were about to publish it I could have supplied you with much material as I have collected for the last 20 years in all parts of our wide Dominion.

Regarding [illegible] new species from Alaska I have got this to say that of the determinations [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] I have a letter from Prof. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] you may [illegible] [illegible] [illegible]

Yours very truly
[illegible] Macoun

Prof. [illegible]
Cambridge
Mass.

Oct. 11th 1887

My dear Sir.

Since I wrote last I have been moving up and down so much that I ceased to write anything except notes.

I am now back to the office and commenced work again. Mr. Selwyn reached here yesterday from a two months trip to the west and today I came to a definite understanding regarding the Hepaticae. He is quite willing to publish your notes or Catalogue on or of our Hepaticae and will have whatever species or forms you may figure published with the text. This settles the question as far as he is concerned as he will not go back on his word.

Having already sent you the greater part of the material and all or nearly all the rarer forms I can very easily send you the rest. I have still a lot of material collected on Vancouver Island to send you but refrain until I hear from you. If convenient I would like as many of the names of those sent as you have settled for a certainty as I wish to arrange my material from the names on the packets sent to you.

Oct. 11th 1887

My dear Sir.

Since I wrote last I have been moving up and down so much that I could not write anything worth note.

I am now back to the office and commence work again. Dr. Selwyn returned here yesterday from a two months trip to the west and today I came to a definite understanding regarding the Hepaticae. He is quite willing to publish your notes or Catalogue on or of our Hepaticae and will have whatever species or forms you may figure published with the text. This settles the question as far as he is concerned as he will not go back on his word.

Having already sent you the greater part of the material and all or nearly all the new forms I can very easily send you the rest. I have still a lot of material collected on Vancouver Island to send you but [illegible] what I have given you. If convenient I would like as many of the names of these sent as you have settled for a certainty as I wish to arrange my material from the Island on the [illegible] sent the same

I believe Austin never published L. Biddlecomiae
but he did publish a Trichocolea Biddlecomiae in
the third volume of the Botanical Gazette.

Mr. Mitten's list of the Hepaticae of the 49th parallel
was published in the Journal of the Linnaean Society
some time about 1861. We do not own a complete set
of the Journal of that date.

All the specimens I have sent you are for your
own use and if you want other I will gladly send
them. Of course I prefer you to write a complete monograph
of our species but you must be the judge of this your
-self. If you prefer doing the work in another way I will
cheerfully agree but I think we must have if possible
a complete list with or without notes. The proof can
be read here but the <u>final revision</u> must go to yourself
Following your notes I wish to put in the distribution
and general habitat of each species so that your
work may have both a local and scientific value.
When I hear from you again I will send on the re-
-mainder of the material I have on hand. If possible

I believe Austin never published C. [illegible]
but he did publish a [illegible] [illegible] in
the third volume of the Botanical Gazette.

Mr. Watson's list of the Hepaticae of the U.S. [illegible]
was published in the Journal of the Cincinnati Society
some time about 1881. We do not own a complete set
of the Journal of that date.

All the specimens I have sent you are for your
own use and if you want others I will gladly send
them. Of course I prefer you to write a complete monograph
of our species but you must be the judge of this your-
self. If you prefer doing the work in another way I will
cheerfully agree but I think we must have if possible
a complete list with a critical note. The [illegible] one
be used here but the first version must go to synonymy ~~distribution~~
Following your notes I would like to put in the distribution
and general habitat of each species so that your
work may have both a local and scientific value.
When I hear from you again I will send on the re-
mainder of the material I have on hand. If possible

send me the names of what you are sure of when you write.

The Hepaticae Ferryanae came a few days since and it was that pamphlet I showed C. Schwyn this morning.

Please accept my best thanks for it and now as I am home again tell me all your wants and I will promptly attend to them.

Very truly yours
John Macoun

W. H. Pearson F. L. S.
15 The Park, Eccles
near Manchester

Send me the names of what you are sure of when you write. The Helpatrice Kergenmar came a few days since and it was that pamphlet I showed Dr. Aldoys this morning.

Please accept my best thanks for it and now as I am here again let me at your wants and I will promptly attend to them.

Very truly yours
John Warren

W. H. [illegible] F.R.S.
15 The Park, Eccles
near Manchester

Oct 12th 1887

My dear Dr. Millman

Your note and list are received. Please accept my thanks. Send in the plants any time and in the meantime resolve to stick to our health giving science.

I made immense collections on Vancouver Island the past summer but have done little yet at working them up. Fletcher is now second in command at the Experimental Farm. The green scum if a Lemna is possibly of three species L. minor, trisulca and polyrhiza See Gray Manual Page 478. If an algoid plant it is <u>below my horizon</u>.

Very truly yours
John Macoun

T. Millman M.D.
Insane Asylum
Kingston
Ont.

Oct 12th 1897

My dear Dr. [illegible]

Your note and list are received. Please accept my thanks. Send in the plants any time and in the meantime arrange to visit our health giving ravine.

I made numerous collections on Toronto Island the past summer but have done little yet at working them up. Fletcher is now [illegible] in [illegible] at the Experimental Farm. The green scum of a [illegible] is probably of these species etc. minor, trisulca and polyrhiza. See Gray Manual Page 478. By an aquatic plant it is below my knowledge.

Very truly yours
John Macoun

C. [illegible] M.D.
Insane Asylum
Kingston
Ont.

Oct. 12th 1887

My dear Sir

Mr. Armi showed me your letter this morning and read a few extracts from it. It is perfectly satisfactory. Dr. Selwyn saw the propriety of my objection and is now quite satisfied that I should do what I can for you. Your explanation covers the ground of my objection and hence I withdraw from the stand I took. With this mail I send down the parcel containing the flowering plants and ferns, but as I am hard at work on Part IV I may do nothing with the Cryptogams for a couple of months as I must use the microscope in their examination.

Would you kindly send me up another copy of your Report as I want to use it in compiling Part IV. Send up all additional notes you can between the Conifers and the mosses as all these orders will be included in the work. One instalment is now

Oct. 12th 1887

My dear Sir

Mr. Davis showed me your letter this morning and read a few extracts from it. It is perfectly satisfactory. Dr. Selwyn saw the propriety of my objection and is now quite satisfied that it should be as it was for you. Your explanation covers the ground of my objection and hence I withdraw from the stand I took. With this mail I send down the proofs containing the flowering plants and ferns, but as I am hard at work on Part IV I may be working with the Crytogams for a couple of months as I must use the microscope in their examination.

Would you kindly send me up another copy of your Report as I want to use it in compiling Part IV. Send up all additional notes you can about the Conifers and the Mosses as all these orders will be included in the work. One instalment is now

in the hands of the printer. Be sure and give me all the matter you can on leaves and grasses as few except myself has done much in them.

During the past summer I was collecting on Vancouver Island and made very fine additions to our herbarium.

Willows are difficult to identify and all those putting forth their flowers before the leaves should be marked and the leaves procured afterwards.

I remain

Very truly yours

John Macoun

C. N. St. Cyr Esq.

Department of P. I.

Quebec.

17th Oct. 1887

My dear Sir

Since my return from Vancouver Island I have been so busy writing at Part IV of my catalogue that I have neglected to answer many letters and I did not write you until I could send you a small parcel of critical species for your opinion. I only send the Orchids and Liliaceae which are new to me. My determinations are on the labels. Please examine them at your earliest convenience and let me know the results as I am writing them up now.

I duly received your letter of July 28th as well as that of the 23rd. I was delighted when I read that the plant you asked me to look for was a myth as I had seen nothing resembling what you asked for. I also had another letter asking me to look up Baker's Oak which I have mislaid or lost. I attended to the oak and gathered fruit and leaves from the oak on Sir James Douglas' Lawn

17th Oct. 1887

My dear Sir

Since my return from Vancouver Island I have been so busy working at Part IV of my catalogue that I have neglected too many letters and I did not write you until I could send you a small parcel of Orchids for your opinion. I only send the Orchids and Liliaceae which are new to me. My determinations are on the labels. Please examine them at your earliest convenience and let me know the result as I am working them up now.

I duly received your letter of July 28th as well as that of the 23rd. I was delighted when I read that the plant you wished me to look for was a Cryptogam as I had seen nothing resembling what you asked for. I also had another letter asking me to look up Dr. Baker's Oak which I have mentioned & last. I attended to the oak and gathered fruit and leaves from the oaks on Sir James Douglas' Estate

2

[illegible] you may [illegible]

[illegible] Mr [illegible] the [illegible]

[illegible] which they [illegible]

many [illegible] many [illegible]

on the [illegible]

[illegible] think are any [illegible]

[illegible] you have any to let

me know and I will send them [illegible]

(12) [illegible] Bailey and [illegible] will [illegible]

[illegible] I hope [illegible] them.

[illegible] is very [illegible]

to [illegible] in time [illegible] one species [illegible]

[illegible]

[illegible] both copies of your [illegible]

to our [illegible] she [illegible] my [illegible]

about [illegible] Bailey [illegible]

and I [illegible]

[illegible] can [illegible]

Please [illegible] and [illegible]

Mr Watson [illegible] truly yours

[illegible] and [illegible]

17th Oct. 1887

Dear M. Crépin.

Your note came as a reminder a day or two since and in response I send by this mail samples of all the roses collected by me the past season.

Nine of the specimens were collected on Vancouver Island while No 10 was picked up on the mainland about 150 miles from the coast. R. gymnocarpa and Nutkana flower early while R. pisocarpa is late flowered. You will notice that the flowers of the latter grow in bunches while in all forms of Nutkana they grow singly.

Dr. Dawson is not home from Alaska yet. Should he bring any roses of interest back with him I will forward examples to you at once.

The examples sent are all the forms seen the past summer. Where the ticket has two dates it means the flowers and fruit are from the same bushes.

Very truly yours
John Macoun.

M. François Crépin
Dir. Jardin. Bot
Brussels.

17th Oct. 1897

Dear Mr. Crépin.

Your note came as a reminder
a day or two since and in response I send
by this mail samples of all the roses collected
by me the past season.

Nine of the specimens were collected
on Vancouver Island while the rest were gathered at
on the mainland about 150 miles from the coast.
R. gymnocarpa and Nutkana flower early while
R. pisocarpa is late flowering. You will notice that
the flowers of the latter grow in bunches while in
all forms of Nutkana they grow singly.

Dr. Dawson is not home from Alaska
yet. Should he bring any roses of interest back with
him I will forward samples to you at once.

The samples sent are all the forms seen
the past summer. Where the ticket has two dates it means
the flowers and fruit are from the same bushes.

Very truly yours
John Macoun.

Mr. François Crépin
Dir. Jardin Bot.
Bruxelles.

[illegible] 1897

My dear Sir:

I have just [illegible] your card written [illegible] the past summer asking [illegible] species of Arceuthobium. It would have been attended to earlier only I was absent [illegible] Vancouver Island.

Regarding Arceuthobium I may say [illegible] mounted specimens [illegible] [illegible] also specimens gathered on [illegible] on P. contorta [illegible] have [illegible] Canadian collections you will find one specimens obtained from P. Banksiana 12 years ago this month. Of this collection I have no specimens now.

Very truly yours
John Macoun

Prof. Wm Trelease
Madison
Wis.

[illegible] 1897

My dear Sir

I have just finished [illegible] your kind
[illegible] the first [illegible] asking
[illegible] of Anaesthesia. It was [illegible]
[illegible] only I was absent
[illegible] Island.

Regarding Anaesthesia I may say
[illegible]
[illegible]
and [illegible]
gathered [illegible]
[illegible]
[illegible] collection you will find [illegible]
[illegible] from [illegible] 13 years
ago this month. Of this collection I have [illegible]
[illegible] Very truly yours
[illegible]

[illegible] Madison [illegible]

17th Oct. 1887

My dear Sir

By today's mail I send all examples of the Naiadaceae which I collected the past summer on Vancouver Island and with them a few my son gathered on his trip to James Bay.

Besides Potamogetons I have gladdened your heart by sending ripe fruit of Phyllospadix and I hope of Zostera marina var. angustifolia. Of course I am pleased to send Lilaea subulata but it may not interest you so much.

Mr. Burnett as[illegible] me if I would not send him some specimens. Let me know about it. — time as I may wish to send him a little at the same time.

I am now engaged on Part IX and will incorporate your notes on what I now send with what I have already received.

Very truly yours
John Macoun

Rev. Thomas Morong
Ashland
Mass.

17th Oct. 1887

My dear Sir

By today's mail I send all examples of the Naiadaceae which I collected the past summer on Vancouver Island and with them a few my son gathered on his trip to Queen Cha.

Besides Potamogetons. I have gladdened your heart by sending ripe fruit of Phyllospadix and I hope of Zostera marina var. angustifolia. Of course I am pleased to send Silene [illegible] but it may not interest you so much.

Mr. Bennett [illegible] him some specimens &c. but not knowing about it. — him as I may wish to send him a lot at the same time.

I am now engaged on Part IV and will incorporate your notes on what I now send with what I have already received.

Very truly yours
John Macoun

Rev. Thomas Morong
Ashland
Mass.

Oct 26th 7

A. R. C. Selwyn C.M.G. &c &c.
Director Geol. & Nat. Hist. Survey.

Sir.

Yesterday you placed in my hands the "complaint" of Dr. Robert Bell to the Dept. of Agriculture, in which he charges me among others with unfairness in dealing with his exhibit. I shall answer his allegations in the order in which they occur.

1 "I am credibly informed ~~that~~ the map was ~~stuck~~ not properly exhibited, ~~that~~ it was stuck up in an out of the way place etc etc".

Having Dr. Bell's map in charge I had it placed just alongside that of Dr. B[illegible] showing the "Distribution of the Forest Trees in the Rocky Mountains and British Columbia". I [illegible] slightly smaller than the two maps I [illegible] my own exhibit of the [illegible] of [illegible] with it that of [illegible] Jack which was of the same character.

Oct 26th

A. R. C. Selwyn C.M.G. &c &c.
Director Geol. & Nat. Hist. Survey.
Sir.

Yesterday was placed in my hands the "complaint" of R. Robert Bell to the Dept. of Agriculture, in which he charges me among others with unfairness in dealing with his exhibit. I shall answer his allegations in the order in which they occur.

1 "I am credibly informed that the map was ~~placed~~ not properly exhibited, ~~that~~ it was stuck up in an out of the way place etc. etc."

Having Dr. Bell's map in charge I had it placed just alongside that of Dr. G. M. Dawson showing the distribution of the forest trees in the Rocky Mountains and British Columbia. Immediately beneath these two maps I had my own exhibit of the [illegible] [illegible] so that [illegible] with it that of [illegible] which was of the same character [illegible]

2

as mine.

The room in which the [illegible] exhibited was [illegible] - the "[illegible] Room" [illegible] contained all the [illegible] [illegible], and [illegible] [illegible] all [illegible] [illegible]. [illegible] and [illegible] [illegible] [illegible] [illegible] and [illegible] [illegible] [illegible] with [illegible] [illegible] [illegible] and the [illegible] [illegible] [illegible] [illegible] [illegible] could be [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

2 [illegible] [illegible] the [illegible]

This statement is false. I gave the key to the workmen who unlocked the box in my presence, but he brought it opened with a [illegible] on the [illegible] never [illegible] a "[illegible]" [illegible] before, and [illegible] [illegible] to [illegible] to [illegible] the [illegible].

3 "No mention whatever [illegible] of the [illegible] in the official catalogue."

No person was ever employed [illegible] exactly when the exhibition was [illegible], but [illegible] of the "[illegible]" [illegible] had nothing to do with the [illegible] of the exhibits. I was informed that any one exhibit [illegible] [illegible] [illegible] [illegible] [illegible] business. [illegible] [illegible] [illegible] [illegible] held on the [illegible].

4 The chief complaint is that on one corner of the [illegible] a slip of white paper had been pasted [illegible] "[illegible]" [illegible] "The [illegible] are mostly from [illegible] [illegible]".

I [illegible] the [illegible] [illegible] [illegible].

pasted the white paper over the above statement because I know it to be incorrect. When I was placed in charge of certain exhibits I became responsible for their proper exhibition and in showing Mr. Bell's map to gentlemen who were discussing the distribution of our forest trees with me, was asked if that statement was true. I gave the incorrect answer but immediately after I went to you and asked permission to cover up the statement. I agreed to take the responsibility and did so as I have said. I had either to say that the statement was not true when asked, or cover it up, and for Mr. Bell's sake I preferred the latter, had I wished to injure him, I I should have left it uncovered and but stated the facts.

I have the honor to be
Sir
Your obedient Servant
John Macoun
Botanist

found the whole paper over the whole
statement because I knew it to be correct.
When I was placed in charge of certain
exhibits I became responsible for their
proper exhibition and in allowing Dr. Bell's
[illegible] to gentlemen who were discussing
the distribution of our forest trees with
me, was asked if ~~that~~ statement was
true. I gave an evasive answer but
immediately after I went to you and
asked permission to cover up the ~~[illegible]~~
I agreed to take the responsibility and
did as I have said. I beg leave to
say that the ~~statement~~ was not true
when asked, or since it up, [illegible]
for Dr. Bell's sake I prepared the
ladder, had I wished to injure Dr. Bell
I should have left it uncovered and
~~stated~~ the facts.

I have the honour to be
Sir
Your obedient servant
John Macoun
Botanist

Oct. 22nd 1867

Dear Mr. Allen

Your note reached me this morning and I have at once put up examples of all the Characeae I have not before sent to you. Please let me have the names as soon as convenient. Should you desire more of those from the Rocky Mountains and British Columbia I might be able to supply you.

Since I wrote last I received the October number of the Torrey Bulletin for which please accept my thanks.

I hope there are interesting things amongst those I send by this mail.

Very truly yours
John Macoun

T. F. Allen M.D.
10 East 36th Street
New York.

Oct. 22nd 1887

Dear Mr. Allen

Your note reached me this morning and I have at once put up examples of all the Charas I have not before sent to you. Please let me have the names as soon as convenient. Should you desire some of those from the Rocky Mountains and British Columbia I might be able to supply you.

Since I wrote last I received the October number of the Torrey Bulletin for which please accept my thanks.

I hope there are interesting things amongst those I send by this mail.

Very truly yours
James Macoun

T. F. Allen M.D.
10 East 36th Street
New York.

Oct. 22nd 1887

My dear Sir.

Your note of the 15th inst. has reached me and I am pleased to learn that the Tsuga reached you in good condition.

Did you receive specimens of Abies amibilis as well as those of A. grandis? The first I sent was grandis the second lot received(?) with the Tsuga was A. amibilis.

I have discovered that Tsuga Pattoniana is abundant in the Selkirk Range and upon all mountains on Vancouver Island above 3000 feet. Abies Amibilis grows with the above on all the mountains, I ascended on Vancouver Island. Its large purple cones give the stunted trees a fine appearance on the mountains near the limit of trees. I have cones of both A. grandis and A. amibilis. I have specimens of the Oak from Lady Douglas' lawn and from other parts of the island. I can see no difference. Will send you specimens when I send to Dr. Watson.

Very truly yours
John Macoun

Prof. C. S. Sargent
Brookline: Mass.

Oct. 22nd 1887

My dear Sir.

Your note of the 15th inst. has reached me and I am pleased to learn that the Seeds reached you in good condition.

Did you receive specimens of Abies amabilis as well as those of A. grandis? The first I sent was grandis the second lot received(?) with the Seeds was A. amabilis.

I have discovered that Pinus(?) Pattoniana is abundant in the Selkirk Range and also on mountains on Vancouver Island above 3000 feet. Abies Amabilis grows with the above on on the mountains, I ascended on Vancouver Island. The large purple cones give the stunted tree a fine appearance, on the mountains near the limit of tree. I have cones of both A. grandis and A. amabilis. I have specimens of the Oak from Lady Douglas' Lane and from other parts of the island. I can see no difference. Will send you specimens when I send to Dr. Masters.

Yours very truly
John Macoun

Prof. C. S. Sargent
Brookline, Mass.

Oct. 22nd 1887

Dear Mr. Chipman

I herewith return the letter received on the 20th inst.

Dr. Selwyn desires me to state that personally he knows nothing about the matter and that both Mr. Adams and Mr. Willimott are at present absent in the field. On their return we will be able to reply more fully and very likely state what has become of the exhibit.

As you are aware, I left England before any disposition was made of the exhibits and hence can know nothing of their destination.

Very truly yours
John Macoun

C. C. Chipman Esq.
Finance Department
Ottawa

Feb. 22nd 1887

Dear Mr. Chipman

I herewith return the letter received on the 20th inst.

Our Solicitor desires me to state that personally he knows nothing about the matter and that both Mr. Andrews and Mr. Wellwood are at present absent in the field. On their return we will be able to reply more fully and very likely state what has become of the exhibits.

As you are aware, I left England before any disposition was made of the exhibits and since can learn nothing of their destination.

Very truly yours

Fred. Mason

C. C. Chipman Esq.
Finance Department
Ottawa

Oct. 24th 1887

My dear Professor

Your letter of a recent date is now before me. I am very glad to learn that you so highly appreciate my work and that you find it useful to you in your ~~work~~ labors on the Flora of Greenland. With this mail I send a copy of the Catalogue to yourself and may inform you that I am now engaged on Part IV, which will include everything to the end of the Vascular Cryptogams. This part will be published in spring.

In the meantime it will give me pleasure to go over your Catalogue and mark opposite the species ~~[illegible]~~ found in our country whatever you may desire.

I have seen my superior Officer, Dr. Selwyn, and has authorized me to inform you that we will gladly make an exchange for all kinds of Greenland

Oct. 21st 1887

My dear Professor

Your letter of a recent date is now before me. I am very glad to learn that you so highly appreciate my work and that you find it useful to you in your ~~work~~ labors on the Flora of Greenland. With this mail I send a copy of the Catalogue to you and may inform you that I am now engaged on Part IV, which will include everything to the end of the Vascular Cryptogams. This part will be published in spring.

In the meantime it will give me pleasure to go over your Catalogue and mark opposite the species ~~which~~ found in our country whatever you may desire.

I have seen my superior officer, Dr. Selwyn and has authorized me to inform you that we will gladly make an exchange for all kinds of Canadian

[illegible]ate. You will please therefore to [illegible] [illegible]
a set of your Lichens [illegible] [illegible] [illegible] [illegible]
as many species of [illegible] [illegible] as possible.

The [illegible] [illegible] of [illegible] [illegible] species
and each consists of [illegible] [illegible] 100 species at least.
All are without exception [illegible] to have been collected
by myself or my [illegible] [illegible] and are well preserved
and [illegible] in good order.

Send me the proof or Manuscript as soon
as you [illegible] and I will attend to it on its arrival
here.

Hoping to hear from you shortly
I remain, yours very truly
John Macoun

Prof. Eugene B. Warming
Botanical University
Copenhagen.

[illegible]

here.

Hoping to hear from you shortly

I remain, yours very truly

[illegible] Mason

Prof. Eugene W. Hilgard

[illegible] University

[illegible]

Oct. 25th 1887

My dear Sir

Your letters of the 5th & 15th inst and one of a later date have been received. I need not tell you that I am extremely thankful for the information contained in them and much pleased to learn that one or two of the last lot will be of some use to you. With this letter I send a small package of fungi collected the other day and all I have of the two species you ask for. This will wind up my instalments for this year, without you desire more specimens of some of those sent to be named.

I have been stirring myself about the set of Fungi and am expected to state that in a very short time Mr. Saunders of the Experimental Farm in this city will write you concerning them.

For many years I have been preparing to publish a Series of Centuries of Canadian Mosses [illegible] and [illegible] I am about to issue the first Century shortly & propose advertising in the [illegible] & [illegible] to criticise the Botanical Gazette and asking [illegible] the correct [illegible] series. [illegible]

Very truly yours
John Macoun

J. B. Ellis Esq
Newfield

Oct. 29th 1867

My dear Sir

Your letters of the 5th & 15th inst and one of a later date have been received. I need not tell you that I am extremely thankful for the information contained in them and much pleased to learn that one or two of the last lot will be of some use to you. With this letter I send a small package of fungi collected the other day and as I have the two species you ask for. This will wind up my [illegible] for this year, without you desire more specimens of some of these [illegible] to be sent.

I have been studying myself about the [illegible] of fungi and am expected to [illegible] that in a very short time Mr. [illegible] of the Engineering [illegible] in this city will [illegible] anything there.

From many years I have been preparing to publish a list of Canadian [illegible] [illegible]

a loss what to do with Trillium erectum [illegible] Gray. In your revision of the Liliaceae you seem to include this form in T. cernuum but you do not mention the fact. Indeed you say nothing about it. After carefully examining our specimens I have come to the conclusion to place it as a var. of T. cernuum. The species grows with us in the valleys of rivers and small brooks while the var. declinatum is our most northern form and is never, as far as I am aware, in river bottoms. The peduncle is only declined in our var. while it is recurved in the species. Please look at the specimens of my T. erectum var. declinatum in the herb. and see what you think?

I had the good fortune to collect Phyllospadix Scouleri in fine fruit the past year and also Lilium [illegible]. In Carices I have added a few things and a couple of species unknown to Mr. Bailey. When I begin to work up the general collection I expect to have many interesting things. Mr Macoun has seen the [illegible].

Dr. Sereno Watson
Cambridge
Mass.

Very truly yours
John Macoun

31st Oct. 18[illegible]

Dear Dr. Watson

Your note reached me a few days since and I was pleased to learn that you had found I was right about [illegible] & [illegible]. I made the other species [illegible] but will leave it an open question in the Catalogue. I brought back bulbs with me and we will have perfect specimens next year.

For some time I have been of the opinion that the common E. grandiflorum var. albiflorum of Vancouver Island is the E. revolutum of Menzies. The description "flore purpureo" is of little account as even the E. [illegible] often turns purple when being dried. Menzies plant was a coast species and the plant I refer to as being it loves to grow in the [illegible] shores of the west coast of Vancouver Island. [illegible] plant of [illegible] is the only form I have seen on the island except the little yellow one which is a mountain species.

I have been cataloguing our Liliaceae and have made satisfactory progress but I am at

Oct. 29th 1887

My dear Sir,

Your letter of the 21st inst reached me in due time and pleased me very much. On the perusal of that of the 26th I made the discovery that you are working at the Sparganium. I can only say that I am glad to have you so employed. In a few days I will send you some of my mounted specimens and duplicates of those I collected this year on Vancouver Island.

Mr. Beeby of London whom I met there last year took up some of my Sparganium and amongst those I had named S. minimum discovered a form of S. hyperboreum. In a note received today he says "Dr. Ascherson writes from Cape Breton S. minimum is not identical with S. hyperboreum Laest. The fruits are too little and too round, the perianth scales too large — Probably a var. of S. hyperboreum Laest. — S. minimum Fr. it is surely not" Last year Mr. Beeby thought it might be var. of hyperboreum var. Americanum

Oct: 9th 189[illegible]

My dear Sir,

Your letter of the 24th inst reached me via
New York and pleased me very much. On the
receipt of that of the 25th I made the discovery
that you were working at the [illegible]
[illegible] I am glad to know you are so employed.
In a few days I will send you those of my
mounted specimens and duplicates of those I collected
this year in Vancouver Island.

Mr. [illegible] of London whom I met this last
year took up some of my Hymenoptera and amongst
these I had named [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] — Doubtless a new [illegible] — [illegible]
[illegible]
[illegible]

My son has five specimens from James Bay this year which I will send you that may match those you mention from Labrador. I think I can show it from a number of places.

When I write I will send you down all my Potamogeton duplicates and the odds and ends of the order I collected this year which I know will interest you. I will send down a few things for Mr. Bennett with the next parcel and another lot for him and Mr. Beeby before you finally [illegible] the box.

You may expect the parcel to leave here this day week. In it I will send all the material I have on hand. Dr. Dawson who is now on his way from Alaska may bring some specimens with him and these I will send later on. I will make the Naiadaceae in the Catalogue this week and will incorporate your notes in the first proof.

Very truly yours
John Macoun.

Rev. Thomas Morong
Ashland
Mass.

We now have five specimens from [illegible]
this year which I will send you that may
match these you remember from Alaska. I think
I can show it from a number of them.

When I write I will send you some copy
of [illegible] duplicates and the [illegible] and [illegible] of the
[illegible] I [illegible] the year which I [illegible] and [illegible]
you. I will send down a few things for Mr.
[illegible] with the next parcel and another lot
for him and Mr. [illegible] before you [illegible]
the [illegible].

You may expect the parcel to leave here
this day week. In it I will send all the [illegible]
I have [illegible] Mr. [illegible] who is now on his
way from Alaska may bring some specimens
with him and these I will send later on. I will
send the [illegible] in the Catalogue this week
and will incorporate [illegible] in the first
proofs.

Very truly yours
[illegible]

31st Oct. 1897

My dear Sir

Your letter came last week and I am highly pleased at your promptness in answering my doubts regarding the species.

I see no reason to doubt your ~~determinations~~ except No. 26. This seems to me to be different from the described form of C. Adonis. All the others are quite ~~satisfactory~~. I was pleased to find C. frigida. I had never seen a specimen of it. I had hoped No 13 would have been C. marginalis. No 4 was a puzzle. I hoped you would make it from C. canaveris v. affinis, which you did.

No 35 is very distinct and yours in last weeks It struck me as something valuable as soon as I saw it. I took No 26 for C. agnelli when collecting and failed to get a supply of specimens.

When sending the previous I overlooked a species like [illegible] but will send it shortly with whatever I may receive from Dr Dawson who is now on his way from Alaska and whom was collecting anything he met of interest [illegible] Very truly yours
John Macoun

[illegible]

31st Oct. 1887

My dear Sir,

Your letter came last week and I am highly pleased at your promptness in answering my doubts regarding the species.

I see no reason to doubt your ~~determination~~ except No. 24. This seems to me to be different from the Americana form of C. [illegible]. All the others are quite ~~satis~~factory. I was pleased to find C. [illegible]. I had never seen a specimen of it. I had placed No 13 under C. [illegible]. It was a puzzle. I hoped you would take it from the same [illegible] which you did.

No 35 is very distinct and yours is the last [illegible] [illegible] [illegible] [illegible] [illegible] as very as I [illegible]. I think No 26 for C. [illegible] is worth collecting and [illegible] to get a supply of specimens.

When sending the [illegible] I would send [illegible] [illegible] but write about it clearly with [illegible] I may [illegible] from the Museum [illegible] [illegible] [illegible] [illegible] and other [illegible] collecting [illegible] [illegible] [illegible].

Very truly yours [illegible]

Oct. 31st 1887

My dear Sir

Your card has been received. I was unable to get specimens of Limnanthes Macounii last spring. I only located the spot again this autumn and hope for specimens in the spring. My first specimens were obtained early in May 1875. Since then the locality has been transformed and I only found the precise spot when I was on the point of leaving the city. I will now follow it up.

Very truly yours
John Macoun.

Prof. Wm Trelease
St. Louis
Mo.

Oct. 31st 1887

My dear Sir

Your card has been received. I was unable to get specimens of [illegible] last spring. I only located the spot again this autumn and hope for specimens in the spring. My first specimens were obtained early in Aug. 1878. Since then the locality has been transformed and I only found the favorite spot when I was on the point of leaving the city. I will now follow it up.

Very truly yours
John Macoun

Prof. Wm Trelease
St. Louis
Mo.

Oct. 30th 18[illegible]

My dear Sir

Please accept my thanks for the copy of your report which I received a few days since. I am using it for reference in Bull. N. I am now working at the [illegible].

I am glad to know that you are going to devote some time and [illegible] to botany. My intention is to [illegible] all plants [illegible] of the summer collecting in the east.

Your note to [illegible] was a surprise to me and I feel that any assistance I can give you will be well deserved. Write to Dr. [illegible] and tell him that you have a large collection of plants in your museum and that you want it as complete as possible and ask him to supply your wants from my duplicates. Say that I have referred you to him and I have no doubt but that he will permit me to assist you when

Oct. 29th 1899

My dear Sir

Please accept my thanks for the copy of your report which I received a few days since. I am reading it for reference in that as I am now working at the [illegible].

I am glad to see that you are going to devote some time next season to collecting. My instructions is to spend at least half of the time collecting in the east.

Your note is more than a surprise to me and I feel that any assistance I can give you will be very deserved. Write to [illegible] and let him know that you have a large collection of shells in your Museum and that you want it as complete as possible and ask him to supply you with some of the duplicates. [illegible] beyond your [illegible] and I have no doubt but that he will forward [illegible] very [illegible]

we have time to make up the sets.

We have many fine duplicates and would desire nothing better than to know they are under the care of a Frenchman in the Catholic City of Quebec.

Very truly yours

John Macoun.

C. W. M. Esq. F.R.S.C.

Department of Instruction

Quebec.

we have time to make up the acts.

We have many fine daffodils and small [illegible] nothing better than to [illegible] they are [illegible] the case of a [illegible] in the [illegible] City of Lucknow.

Very truly yours
John Morris.

C. W. H. [illegible] Esq. [illegible]
Department of Instruction
Lucknow.

Oct. 21st

Dear Sir,

You were kind enough some time since to say that you would when you had leisure send us a package of [illegible] of [illegible]. I have just gone over Mr. [illegible] [illegible] and send herewith a list of those we have not in our herbarium so that you will not duplicate species we already have. My father is now working at the [illegible] of [illegible] [illegible] and will very likely [illegible] [illegible] the [illegible] and will send you a full set of all we collected last summer.

Will you kindly send me the names by which the following species are now known

Andropogon Torreyanus Steud., [illegible] mollis. [illegible], [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible], [illegible] polystachya Kunth. Paspalum [illegible] [illegible], Paspalum [illegible] [illegible]

Yours truly,

Jas. [illegible]

G. Vasey Esq.
Wash. D.C.

with his arrangement. Nothing new in Potamogeton from Vancouver but my son has P. rutilans from James Bay. I had the good fortune to get splendid fruiting specimens of Phyllospadix Scouleri and of Lilaea subulata. I will send most of these now but will send <u>all</u> in Mr. Morong's box. On the receipt of this write me at once what you want and you shall have it even to the "<u>half of my kingdom</u>."

Dr. Dawson has been on the Alaskan boundary all summer and has just returned. He tells me he has a lot of specimens. There may be some-thing good amongst them in your line. If so I will send them later on.

When I get settled down to the Carices I may want you to do some work for me but in the meantime ask you to let me have a list of those Carices I sent you so that I can know exactly what you have and where I stand. I have all your letters and will compare them with Bailey as I proceed with the work.

Very sincerely yours
John Macoun

Arthur Bennett F.L.S.
Croydon
England.

with his arrangements. Nothing new in Potamogeton from Vancouver but my man has [illegible] from Jervis Bay. I had the good fortune to get splendid fruiting specimens of Phyllospadix Scouleri and of Zostera latifolia. I will send most of them – but will send all via Mr. Murray & Co. On the receipt of the [illegible] write me at once what you want and you shall have it even to the "half of my kingdom."

[illegible] has been on the Alaskan boundary all summer and has just returned. He tells me he has a lot of specimens. There may be something good amongst them in your line. If so I will send them later on.

When I get settled down to the Carices I may want you to do some work for me but in the meantime ask you to let me have a list of those Carices I sent you so that I can know exactly what you have and what [illegible]. I have all your letters and will compare them with things as I proceed with the work.

Very sincerely yours
James Macoun

Arthur Bennett F.L.S.
Croydon
England

Nov 1st 1887

Dear Mr. Bennett.

Your note of Oct. 10th reached me some
time since but having been preparing to write
you so long a time I allowed a few more days to
[illegible] before I wrote. Let the very outset allow me
to thank you for the magnificent collection of plants
you [illegible] me last spring and at this late period
to return you the charges on the parcel. Have no qualms
of conscience about taking it as I charge it to the
Government having placed the collection in our herbarium.
As soon as we get all the English plants mounted we
will very likely send you our list of desiderata so
that Mr. Munnell or yourself may get a chance to
send a few more.

My summer's collecting was a great success.
I secured many fine Carices two of which even Bailey
cannot make out. With this I send them, [illegible]
to have your criticisms early as I am working [illegible]
Part IV [illegible] and will soon reach the Carices. I am [illegible]
going to follow Bailey as I am not exactly [illegible]

Nov 1st 1887

Dear Mr. Barnett

Your note of Oct. 10th reached me some
time since but having been preparing to write
for so long a time I allowed a few more days to
elapse before I wrote. Let me first allow me
to thank you for the magnificent collection of plants
you sent me last spring and at the late period
to return you the changes on the [illegible]. There are quite
[illegible] conversations about letting it as I change it to the
Government having placed the collection in our herbarium.
As soon as we get out the English plants [illegible] we
will very likely send you our list of desiderata. [illegible]
that Mr. Macoun or myself may get a chance to
[illegible] a few weeks.

My summer's collecting was a great success.
I secured many fine Carices [illegible] of which [illegible] only
I cannot make out. With this I send them hoping
to have your criticism early as I am working [illegible] on
Carex [illegible] and will soon reach the Carices. [illegible]
going to follow Bailey as I am not [illegible]

31st Oct. 1887

My dear Sir

Your letter and parcel of plants are both here.

I will take up the notes and queries first.

(1) See Part II for my remarks of V. vitis-Idaea. It is very common in the whole northern forest.

(2) I meant to write R. triflorus.

(3) Gray is right about R. hispidus. Mrs. Traill was not a critical botanist. Her hispidus was very likely R. Canadensis This species has a sweet berry and grows on the ground. I have just looked at Mrs. Traill's book. She describes R. Canadensis

(4) If your blackberry is ~~upright~~ and the berry long it is R. villosus. If upright with curved tips to the stems and round berries it is R. occidentalis. If lying on the ground it is very likely R. hispidus

(5) See my Catalogue for R. Idaeus. It equals R. strigosus.

(6) See my Catalogue R. saxatilis = R. triflorus.

(7) R. castoreus? This is not identified but is likely the var. grandiflorus of Anderson

(8) Rockes was not a botanist. He was an Ornithologist.

(11) R. filiformis = R. Flammula var. reptans See my Catalogue Part I

3rd Oct. 1887

My dear Sir

Your letter and parcel of plants are both here.

I will take up the notes and queries first.

(1) See Part II for my remarks of V. vitis-idaea. It is very common in the whole northern forests.

(2) I meant to write R. triflorus.

(3) You are right about R. hispidus. Mr. [illegible] was not a critical botanist. Your hispidus were very likely R. canadensis. This species has a [illegible] long and grows on dry ground. I have just looked at Mr. [illegible] note. He [illegible] R. Canadensis.

(4) If your blackberry is upright and the long [illegible] it is R. villosus. If upright with [illegible] tips to the [illegible] and [illegible] it is R. occidentalis. If lying on the ground it is very likely R. hispidus.

(5) See my Catalogue for No. [illegible]. It appears R. strigosus.

(6) See my Catalogue R. [illegible] = R. triflorus.

(7) R. [illegible] of [illegible] is not identified but is likely the var. [illegible] of [illegible].

(8) [illegible] was not a botanist. He was an Ornithologist.

(11) R. [illegible] = R. [illegible] was reported in my Catalogue Part I

2

(12) I have looked over Bell's article and fail to find Ranunculus latifolius. but I do find after R. Cymbalaria, R. [illegible] latifolius which you may have copied in mistake.

(18) Thalictrum pubescens = T. ~~cornuti~~ purpurascens See my Catalogue or Gray's Manual.

(33) When did Rev. [illegible] describe his plants? This species may be V. [illegible] Gray.

[illegible] at are Stellaria longipes and Arenaria Groenlandica and Pleurogyne [illegible]

The above are from Labrador.

I return all the specimens sent but hope you will in the future send me a specimen of Habenaria blephariglottis. When you send mosses &c. send a clump folded in paper, as I return the Lapland specimens. Fold one up for me and retain one [illegible] like it for yourself and put the same number on both.

Rev. A. Waghorne
New Harbor
Newfoundland

Very truly yours
John Macoun

(17) I have broken one [illegible] plate and put the [illegible] [illegible]. And I do [illegible] the C. [illegible], [illegible] [illegible] which you may have [illegible] in mistake.

(18) [illegible] [illegible] = D. ~~[illegible]~~ [illegible] See my Catalogue or Gray's Manual.

(33) Where did [illegible] [illegible] his plants? This [illegible] may be [illegible] [illegible].

[illegible] [illegible] [illegible]

and [illegible] [illegible] and [illegible]. [illegible]

The above are from Colorado.

I return all the specimens and hope you will in the future send me a specimen of Notholaena [illegible]. When you send [illegible], send a [illegible] folded in paper [illegible]. I return the [illegible] specimens. [illegible] from one and return one [illegible] and just the same [illegible].

Very truly Yours
John Macoun

Rev. A. [illegible]
[illegible]
[illegible]

Names of specimens

1 Poa pratensis L.

2 Agrostis vulgaris = alba L. var. vulgaris Thurb.

3 Poa [illegible] L.

+ 4 Luzula campestris DC.

5 Carex vulgaris Fries.

6 Lycopodium clavatum L.

8 " annotinum L.

7 " complanatum L.

+ 9 Empetrum nigrum L.

+ 10 Betula incana L.

+ 11 Vaccinium Pennsylvanicum Lam.

+ 12 Lobelia Dortmanna L.

+ 13 Vaccinium Oxycoccus L.

+ 14 Sedum Rhodiola DC.

+ 15 Polygonum [illegible] ([illegible]) Munch.

+ 16 Iris tridentata Pursh.

+ 17 Plantago maritima L.

+ 18 Atriplex patula v. hastata Gray

+ 19 " " "

+ 20 Polygonum [illegible] ([illegible]) "

\+ 21 Viburnum pauciflorum Pylaie
\+ 22 [illegible] peltata v. hastata May.
23 Onoclea sensibilis L.
24 Phegopteris Dryopteris Fée.
25 = 23
26 Polypodium vulgare L.
\+ 27 Juncus bufonius L.
28 Stereocaulon paschale, var.
29 Ramalina calicaris v. fraxinea ~~[illegible]~~ var. b. difformis?
30 Cladonia ~~[illegible]~~
31[a] " rangiferina, Hoffm. 31[b] = 37
32 " [illegible] lata, Fée
33 " [illegible]
34 " [illegible] [illegible]
35 " furcata
36 " "
37 ~~[illegible]~~ cornucopioides
38 " gracilis, Fr.
39 Sphagnum acutifolium
40 Hypnum Crista-castrensis
41 " rugulosum & splendens

2 Aulacomnium [illegible]
3 Dicranum [illegible]
" fuscescens (Smith [illegible])
Hypnum sylvaticum (Smith)
[illegible] & Mastigobryum trilobatum
[illegible]
Hypnum Schreberi
[illegible] = Ribes oxyacanthoides L.
Streptopus amplexifolius DC
Juniperus Sabina var. procumbens
" communis L.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Nov. 14th 1887

My dear Professor.

I have just seen the article referred to in your note of 10th inst. I quote from the article.

"Barberry — The bark is used in medicine, the wood for firewood." It took me sometime last summer to find out what persons meant by the term barberry. I discovered however that it [illegible] and found it in abundance on Vancouver Island. There is no doubt of this as I had the Indians to bring me specimens of "barberry". "Oregon Grape" is Berberis [illegible] & nervosa and the fruit is edible.

[illegible] article in the Popular Science [illegible] with the one before me. Dr. [illegible] says it might make a tent for [illegible] [illegible]

Nov. 14th 1927

My dear Professor.

I have just seen the article referred to in your note of 10th inst. I quote from the article.

"(1) Anatomy — The book is used in medicine the word for fairness." [illegible]

[illegible]

[illegible] 1827

[illegible]

[illegible]

Nov 29th 1887

My dear Sir,

Your letter of Oct 21st was received some days since and would have been answered at once had I known exactly what to say.

I can now state that next year I will not be in the mountains and could hold out no inducement to you on my own account or that of the Natural History Survey.

Two applications have been made to me for information by parties who purpose climbing some of the higher mountains next summer and the addresses of these parties I now send. Prof. Coleman, as far as I am aware, has no experience in mountaineering while the other party will consist of four who have had experience in Switzerland. I mention these facts so that you may have some means of the gentlemen [illegible]

Nov. 20th 1887

My dear Sir,

Your letter of Oct 21st was received some days since and would have been answered at once had I known exactly what to say.

I can now state that next year I will not be in the mountains and could hold out no inducement to you on my own account or that of the Natural History Survey.

Few applications have been made to me for information by parties who purpose climbing some of the higher mountains and among the addresses of these parties I remember Prof. Coleman, as far as I am aware, has no experience in mountaineering whilst the other party will consist of four who have had experience in Switzerland. I mention these facts as they may have some notice of the [illegible] Rockies

2

I refer you. The addresses are as under.

Prof. A. P. Coleman, Victoria College, Cobourg, Ont.
This gentleman intends to climb Mounts Hooker and Brown, which are said to be nearly 16000 feet high.

B. S. Comstock, 125 William St. New York.
The party of four represented by this gentleman mean to ~~[illegible]~~ climb the Rocky Mountains north of the C.P.R.

My own proposition to you is to apply to Sir George Stephen, who is now in England, as President of the Canadian Pacific Railway Company mentioning to him your experience both in Europe and New Zealand and particularly your ability to write an account of your trips. It is the interest of the Company to popularise their route and I believe you are just the gentleman to bring it before the British public.

Very truly yours
John Macoun

Rev. Wm. S. Green
Carrigaline
Co. Cork

I offer you. The addresses are as under.

Prof. A. P. Coleman, Victoria College, Cobourg, Ont.
This gentleman visited & climbed Mounts Hooker and Brown which are said to be nearly 16000 feet high.

[illegible], 126 William St. New York.
The party of four represented by this gentleman were mountain climbing in the Rocky Mountains north of the C.P.R.

My own justification to you is to offer to Sir George Stephen (who is now in England) President of the Canadian Pacific Railway Company, mention, I have your experience both in Europe and New Zealand and particularly your ability to write an account of your trip. It is the interest of the Company to popularize this resort and I believe you are just the gentleman to bring it before the British public.

[illegible]

Rev. Wm. S. Green
Carrigaline
Co. Cork

Nov. 21st 188[illegible]

My dear Sir.

In answer to your note of 14th inst. I may state that I can send you a few brown cones of Pinus Menziesii and possibly a twig but the two are not attached. Let me know if this would suit you.

If you address the Rev W. Taylor Box 209 Victoria, Vancouver Island and ask him to send you a fresh specimen and mention my name he will forward you one at once.

Should my specimen do I will send it as soon as I hear from you. Stamps are not necessary in any case.

Very truly yours
John Macoun

J. U. & C. G. Lloyd
Cincinnati
Ohio

Nov. 21st 1887

My dear Sir.

In answer to your note of 14th inst I may state that I can send you a few of Pinus monophylla cones and possibly a twig but the two are not attached. Let me know if they would suit you.

If you address the Rev. G. W. Taylor Box 223 Victoria, Vancouver Island and ask him to send you a few specimens and mention my name he will forward you one at once.

Should my specimens do I will send it as soon as I hear from you. Stamps are not necessary in any case.

Very truly yours
John Macoun

J. U. & C. G. Lloyd
Cincinnati
Ohio

Nov. 29th 1887

My dear Sir,

The nice set of Charas came safely last week and can hardly find words sufficiently strong to thank you for them. We have them placed in the herbarium already and they wonderfully enrich our local Collection.

While on Vancouver Island I made very large collections of plants in all orders and obtained a few Charas which may interest you. Last spring I sent a complete series of my Characeae to you through the British Museum authorities. You have never mentioned receiving them and as you do not allude to them in your last note I take it that you have either not received them or have mentioned them in a letter not received by me. Please on receipt of this let me hear from you

Nov. 21st 1907

My dear Sir.

The nice set of Cladonia came safely last week and can hardly find words sufficiently strong to thank you for them. We have them placed in the herbarium already and they wonderfully enrich our local collection.

While on Vancouver Island I made very large collections of plants in all orders and obtained a few Cladonia which may interest you. Last spring I sent a complete series of my Cladoniae to you through the British Museum authorities. You have never mentioned receiving them and as you do not allude to them in your last note I take it that you have either not received them or have mis-laid them in a letter not received by me. Please on receipt of this let me hear from you

regarding this matter as I am afraid you have never received them. I write by this mail to the British Museum regarding the parcel.

When you write let me know what you desire to obtain specimens of as we have many duplicates and will begin to distribute in January. If convenient please send me a catalogue of Scandinavian Plants so that I may indicate on it (and return) those we desire to have. At present we have a number of species of your flora but hope to obtain many more by exchanges.

I will send the Lichens and all other specimens after this direct to you. If you desire a general collection of our plants please say so in your next.

Very truly yours
John Macoun

Dr. L. J. Wahlstedt
Christianstad
Sweden.

regarding this matter as I am afraid you
have been deceived there. I will try the
Board of the British Museum regarding the
parcel.

[illegible] you would like me to [illegible]
your desire to obtain specimens of as we
have many duplicates and wish to
distribute in Germany. My correspondent there
send me a Catalogue of [illegible] Plants
so that I may indicate on it (and return) those
we desire to have. At present we have a number
of species of yours [illegible]
done by exchange.

I will send the [illegible] and all other
specimens after this direct to you. If you desire
a general collection of our plants please say so
in your next.

Very truly yours
[illegible]

Dr. [illegible]
Superintendent
Jamaica.

Nov. 21st 1887

Dear Carte Muir

A few weeks ago I received a notice from the Treasurer of the Linnean Society asking for the fee for the present year. Last spring before leaving for the west I arranged for its payment but I find my friend has not carried out my wishes. I now send the P. O. Order to you so that you may hand it to the Treasurer. Should he have received it from another source then let this go for next year.

Please send the Transactions by post or what is better send them to our London Office with the request that they should be forwarded to me. In either case they will come all right.

During the past season I made many discoveries on Vancouver Island and added largely to our knowledge of the plants of the Pacific

Jan 21st 1891

Dear Cousin Minnie

A few weeks ago I received a notice from the Treasurer of the [illegible] County asking for the tax for the present year. Last spring before leaving for the west I arranged for its payment but I find my friend has not received any orders. I now send the P.O. order to you so that you may hand it to the Treasurer. Should he have received it from another then let this go for next year.

Please send the [illegible] of last year or whatever letter sent from the [illegible] office with the request that they should be forwarded to me this [illegible] they will come all right.

During the past season I made many discoveries on Vancouver Island and added largely to our knowledge of the plants of the Pacific

4

Coast. For the last six weeks I have been engaged on Part VI of my Catalogue and hope to have it distributed next spring.

Please mention to Mr. Masters that I had the good fortune to find Abies amabilis and Tsuga Pattoniana on the mountains of Vancouver Island the past summer. The two trees grow in company and are seldom lower than 3000 feet. I recognized the former by its purple cones and had the tree cut down and secured them. They are exactly like those figured by Mr. Masters.

Remember me to the many kind friends I met while in England at the meetings of the Society and you might say that besides plants I have snakes, and salamanders and many bird skins.

Very truly yours
John Macoun

Dr. James Murie
Librarian
Linnean Society
London.

Coast. For the last six weeks I have been engaged on Part IV of my Catalogue and hope to have it distributed next spring.

Please mention to Mr. Martin that I had the good fortune to find these animals and Dryopa Pallasiana on the mountains of Vancouver Island the first summer the two two years in company and are seldom lower than 3000 feet. I accompanied the former by its people once and had the tree cut down and secured them. They are exactly like those figured by Mr. Martin.

Remember me to the many kind friends I met while in England at the meeting of the Society and you might say that besides plants I have snakes and salamanders that many think [illegible].

Very truly yours
John Macoun

Dr. James Murie
Librarian
Linnean Society
London.

Nov. 21st 1887.

Dr. L. N. Britton

Dear Sir,

I am engaged writing Part IV of my Catalogue of Canadian Plants, and of necessity have to arrange the Juncaceae and Cyperaceae. Now as you are the recognized authority in these orders I would like to submit my determinations to you for your opinion. Already the difficult species of Juncus have been sent to Dr. Watson but in Luzula I have a number of forms that I am not satisfied with and may have some in the Cyperaceae outside of Carex which of course goes to Mr. Bailey.

Should you desire it I will send you a set of our Junci and Cyperaceae not including Carex and would like a few species in return which I want to complete our series.

Very truly yours
John Macoun

Dr. N. L. Britton
Columbia College
New York.

Nov. 21st 1887

Dr. N. L. Britton

Dear Sir,

I am engaged writing Part II of my Catalogue of Canadian Plants and of necessity have to arrange the Juncaceae and Cyperaceae. Now as you are the recognized authority in that order I would like to submit my determinations to you for your opinion. Many of the different species of Juncus have been sent to Dr. Watson but in Carex I have a number of forms that I am not satisfied with and my have come in the Cyperaceae outside of Carex which I leave you to Mr. Bailey.

Should you desire it I will send you a list of our Juncaceae and Cyperaceae not including Carex and would like a few species in return which I want to complete our series.

Very truly yours
John Macoun

Dr. N. L. Britton
Columbia College
New York.

Nov. 23rd 7

Rev. C. D. McDonald M.A.
Thurso, Que.

Dear Sir

In reply to your letter of the 22nd inst. I must refer you to Mr James Fletcher of the Experimental Farm Ottawa formerly of the Library of Parliament who also is making a speciality of the work you are engaged in and will be much more competent to furnish you with the desired information as I have paid but little attention to the subject.

Yours truly
John Macoun
[illegible]

Nov. 23rd

Rev. C. B. McBrook M.A.
Chicago, Ill.

Dear Sir

In reply to your letter of the 22nd inst. I must refer you to Mr J. Fletcher of the Experimental Farm Ottawa formerly of the Library of Parliament who also is making a speciality of the work you are engaged in and will be much more competent to furnish you with the desired information as I have given but little attention to the subject.

Yours truly
John Macoun
[illegible]

Nov. 26th 189[illegible]

My dear Sir.

Your kind letter and the parcel of flowering plants have reached me safely. The specimens came in the very best condition and I am very much indebted to you for them. After New Year we will get at our duplicates and will be able to send you a selection. On receipt of this kindly send me a note regarding the character of the specimens required.

I now send a few things which I have not sent before and also some of your desiderata chiefly as a loan.

I wish to make a few remarks on some of the species which you consider new as there is a possibility that they are described in James' Manual but rather poorly. During the coming winter I intend to distribute Centuries of Canadian Mosses and later on Hepaticae and Lichens and hence am anxious to have any doubtful things cleared up.

Nov 26th 189[illegible]

My dear Sir.

Your kind letter and the parcel of flowering plants have reached me safely. The specimens came in the very best condition and I am very much indebted to you for them. After this year we will get at our duplicates and will be able to send you a selection. On receipt of this kindly send me a note regarding the character of the specimens required.

I now send a few things which I have not sent before and also some of your doubtful stuff as a loan.

I wish to make a few remarks on some of the species which you consider new as there is a possibility that they are described in some known but rather [illegible]. During the coming winter I intend to distribute Exsiccatae of Canadian Mosses and later on Hepaticae and Lichens and hence am anxious to have very doubtful things cleared up.

2

My idea of the paper for the society is as follows. The title may be something like as below. Critical notes on, and descriptions of some new species of Canadian Mosses collected by Prof. John Macoun ~~of the~~ Botanist to the Geological and Natural History Survey of Canada.

By adopting some such title as the above you could enumerate all the species I have sent you and write notes and descriptions of any forms you consider worthy of that trouble. I would be in favor of a complete enumeration and a reference to some Manual where no description is given. You could show how the forms under consideration differ from the description &c. I would figure none at the present time as we have no artist here with knowledge which would make him confident to do the work. Please send my few Sphagnum to your friend and ask him to name them for me.

2

Very [illegible] of the type for the variety is
so [illegible]. The last may be something like a
[illegible]. Enclosed note my card descriptions of three
or two species of Canadian Mosses collected
by Prof. John Macoun M.A. Botanist to the Geological
and Natural History Survey of Canada.

By adopting some such title as the above
you could enumerate all the species I have sent you
and with notes and descriptions of any forms you
considered worthy of that honor. I would be in
favor of a complete enumeration and a reference to
some Journal where no description is given.
You could show how the forms [illegible] considerably
different from the description Mr. C. [illegible] I would prefer
none at the present time as we have no artist here
with knowledge which would make him competent
to do the work. Please send my few [illegible]
to your friend and ask him to [illegible] them for me.

all my other [illegible] are named by [illegible] himself two years since.

Of your duplicates I name all I have specimens of in my collection. Note what I write on the specimens. Below are the names of those I want returned.

[illegible] Californicum and [illegible] have been found near or in our territory. Please re-examine Amphoridium [illegible] & Mougeotii and see if the two former and the latter are the same. Your name No. 8, Vancouver Island, ~~[illegible]~~ [illegible] Californica. Is this a new species? No. [illegible] seems to be what the Americans call B. [illegible] I send a specimen. Do you distinguish [illegible] insigne Mitt. in either No. 93 or 4. The [illegible] No. 107 is I think what I sent as B. [illegible] from Oregon.

For the small parcel just sent I have

As my other species were named by Cardinal's
living two years since.

Of your duplicates I send all I have
specimens of ... my ... . Note what I said
on the specimens. Below are the names of those
I must return.

Californica and Coryphantha
have been found near or in the vicinity. These
are ... , ... & ...
and are of the two former and the latter are the
same. Your name No. 5 Vancouver Island Callistophora
Californica. Is this a new species? No. ...
seems to be what the Americans call B. ...
I send a specimen. Or you distinguish ...
... in either No. 23 or 4. ...
... No. 107 is I think what I send as ...
... from Oregon.

In the ... just ... I have

4

put up for you as many of your duplicates as I possess. These are the unnamed and also the numbered specimens, with "these also" written across the face. Compare and examine the above, take off a part and return the balance to me at your convenience.

As you have James & Lesquereux book you might compare your new species with those obscure species described by them so that you may compare their descriptions without multiplying the synonymy.

I will try during the coming winter to send you specimens of most of my Canadian mosses and hepaticae sent to you.

Very truly yours
John Macoun

Dr. Nils Conrad Kindberg
Linköping
Sweden.

Just set off for you as many of your duplicates as I possess. Keep all the [illegible] under the numbered specimens, with "Keep this" written across the face. Compare and examine the others take off a list and return the balance to me at your convenience.

As you have [illegible] references could you might compare your new species with the [illegible] species described by them so that you may compare their descriptions without multiplying the synonymy.

I will try during the coming winter to send you specimens of most of my Canadian [illegible] not hitherto sent to you.

Very truly yours
Alfred [illegible]

Dr. [illegible]
[illegible]

Nov. 28th 187[illegible]

My dear Sir,

Part of your instalments of the list have been returned and will be sent early as you have sent them. Should I have any doubt about species I will write you. My present part will include the Characeae but not the mosses as you sent give me nothing after the Characeae and only the stating additions to the published in the Flora Hamiltonensis. You will receive specimens later on of all the violets and ferns collected last year. My collections are simply immense including many new to science. Much time must elapse before they are all worked up as the best part of my time goes to the Catalogue and Correspondence.

Very truly yours

John Macoun

Thos. Burgess M.D.
Hamilton
Ont.

Nov. 28th 187[illegible]

My dear Sir,

Both your instalments of the list[illegible] have reached and will be most carefully [illegible] have sent them. Should I have any doubts about species I will write you. My present plan will include the *Chinese* but not the [illegible] you need give me nothing after the Chinese and only the [illegible] *additions* to those published in the [illegible] Monographs. You will receive [illegible] lists [illegible] of *all* the [illegible] and [illegible] last year. My collections are already immense including *many* new to science. [illegible] time [illegible] after they are all worked up as the last part of the [illegible] goes to the Catalogue and [illegible].

Very truly yours,
[illegible]

Charles [illegible]
Hamilton
Ont.

[illegible] 25th 18[illegible]

My dear Sir

Both your letters have been received.
Please accept my thanks for your [illegible].
I will use the names as you have indicated
but not for any further except to arrange
the synonymy as nearly as I can with the
present light. Should your article be pub-
lished before any Catalogue is in page form
I will follow it exactly but should it not
I will come as near what it will be as I possibly
can. With your permission I will arrange the [illegible]
[illegible] species just as you have indicated and
[illegible] [illegible] as [illegible] [illegible] as I
receive the same and with [illegible] the [illegible] I will
send you my exact arrangement with my present
light. Very truly yours
[illegible]

Rev. [illegible]
Ashland [illegible]

16

Fe. 23d 1859

My dear Sir

Both your letters have been received.

Please accept my thanks for your [illegible].

I don't see the [illegible] as you have indicated

but not for any [illegible] except to arrange

the [illegible] as nearly as I can with the

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

28th November 1887

My dear Sir,

Your letter of the 3rd inst. has remained unanswered until now as I desired to make my communication as complete as possible. With this letter I send a cone of the amabilis gathered on Mount Mark, near Alberni, at an altitude of 3300 feet on July 26th. I do not expect to be ever on the Pacific Coast next season and know no person to whom I could recommend you to apply for specimens.

I will be much pleased to do what I can for the new Journal and hope in your next letter you will give me a hint as to the kind of a short article I might write for a commencement. Up to the present I have written nothing except what I have been compelled to do in connection with my present work. I have

21st November 1887

My dear Sir,

Your letter of the 3rd inst. has remained unanswered until now as I desired to make my communication as complete as possible. With this letter I send a copy of the results gathered on Mount Hamilton [?], near Allison [?], at an altitude of 3000 feet on July 26th. I do not re-call any one on the Pacific Coast except Bains [?] and Denver, no person to whom I could recommend you to apply for specimens.

I will be much pleased to do what I can for the new Journal and hope in your next letter you will give me a hint of what article I might write for a commencement. Up to the present I have written no-thing except what I have compiled to do in connection with my present works. I have

[illegible] will write you and [illegible] you [illegible] same [illegible] writing.

Regarding the photographs of Canadian trees which we exhibited in London last year I may say that I have waited the return of Chas. McCarson before writing and now can say something definite in the matter.

About 30 photographs were exhibited each picture being in a frame of its own wood. We have duplicates of many of these and prints of others and negatives of some so that we have in one way or another nearly the whole set.

We have in our possession the negatives of all the western trees and those of the eastern ones in this city. I enclose a list of Canadian trees on which I have marked in blue those of which we exhibited photographs in London. From this list you can make a selection and I will send down

Part IV [illegible] in a day and two of it over
you do more other making.

Regarding the photographs of Canadian trees which we exhibited in London last year I may say that I have awaited the return of Dr. [illegible] Mr. Carruthers before writing and now can say something definite in the matter.

About 20 photographs were exhibited each picture being in a frame of its own wood. We have duplicates of many of these and plenty of others and negatives of some so that we have in one way or another nearly the entire set.

We have in our possession the negatives of all the native trees and those of the common in this city. I enclose a list of Canadian trees in which I have marked in blue those for which we exhibited photographs in London. From this list you can make a selection and I will send them.

3

for your inspection those you desire to see. Besides these I have marked in sent others and some are duplicates but the others are included in the list.

Very truly yours
John Macoun.

P. S. I have held this over until we sorted the plates. I do not send this case until we hear about the prints.

J. M.

Prof. C. S. Sargent
Arboretum
Brookline
Mass.

2

for your investigation those you desire to use. Besides these I have mounted in next office and some are duplicated but etc. they are indicated on the list.

Very truly yours
John Macoun.

P.S. I have held this over until we sorted the plates. I do not send the cones as we have about the points.

J. M.

Prof. C. S. Sargent
Brookline
Mass.

Nov 29th 1887

My dear Sir

We have left the pages 8 — long —
but I had to [illegible]
copies before communicating with you.

As this begins a new volume, which we will name Vol. II, begin with page one as we have indicated.

You need not return the paged proof as there are no more changes and you put in the corrections very accurately. Please see to it yourself this time.

I am instructed by Dr. Selwyn to say that we want the usual number of copies struck off. Please see how many as I am not aware of the number. Yes the number is 2500.

Very truly yours
John Marrow

R. White Esq.
Montreal.

Nov 29th 1887

My dear Sir

We have kept the pages 97 — [illegible] but I wished to verify about the number of copies before communicating with you.

As this begins a new volume, which we will name Vol. II, begins with page 97 as we have instructed.

You need not return the proof pages as there are no more changes and you put in the corrections very accurately. Please let us have [illegible] of them this time. I have been instructed by Dr. Kellogg to say that we want the usual number of these Extracts &c. Please let us have as many as I am not aware of the numbers. Yes the number is

Very truly yours
John [illegible]

2500.

Dr White Esq.
Montreal.

Nov. 30th 1887

My dear Sir

Both your letters have been received and I thank you very much for your promptness in naming the various species I sent. I am glad they interest you and feel less under obligation on that account. For the last two days I have been going over the other gatherings and have now put up 89 specimens for you. These include the remainder of my Vancouver Island species and those collected by Dr. Dawson on the Alaskan boundary besides a few collected by my son on James Bay the southern arm of Hudson Bay.

No 27 grows in the sand of the sea coast within the action of winter storms. It has running rootstocks and can not be said to exactly grow in clumps.

No 70. This grass grows in crevices of rocks and grows singly and certainly has running rootstocks. I have only the few specimens. My specimens have nearly all knotty spikelets in the glumes.

Dec. 30th 1887

My dear Sir

Both your letters have been received and I thank you very much for your trouble in naming the Carices species I sent. I am glad they interest you and feel under obligation on that account. For the last two days I have been going over the other gatherings and have now put up 89 specimens for you. These include the remainder of my Vancouver Island species, not two collected by Dr. Dawson on the Alaskan boundary also a few collected by my son on the southern arm of Kootenay Bay.

No 27 grows in the sand of the sea coast within the action of winter storms. It has running rootstocks and cannot be said to exactly grow in clumps.

No 28. This grass grows in crevices of rocks and grows strongly and certainly has running rootstocks. I have only the four specimens. My specimens have many as much aphids in the glumes.

2

I send another specimen of No 76 and have just three left. I send one of No 66 and keep two. The last is a salt marsh grass and a native. No 7 is an early grass and may be amongst the other Festucas in a more developed state.

Regarding the names I have no suggestions to make except that you name No 76 as you say so that B. Macounii may not drop. Should I ever strike a new genus I want it named after me.

Alopecurus Howellii was collected by me in the spring of 1875 and named by you A. geniculatus var. pumilus. Look up my old specimens and see for yourself. I would like this mentioned when you publish the species. See my catalogue of 1878 No 2116 var. pumilus Vasey. The new Festuca might be named F. Macounii on account of the name that is dropped.

Thanks for your notes on Agrostis and Deyeuxia I shall write you occasionally when I reach the grasses regarding any difficulties I may meet with in my critical examination of the species.

With many thanks I am yours truly
John Macoun

Dr. G. Vasey
Washington
D.C.

2

I send another specimen of No 76 and have just sent Mr. Strecker one of No 66 and [illegible]. The last is a cast made from one on a [illegible]. No 77 is an early form and may be arranged to [illegible] Section in a more developed state.

Regarding the names I have no suggestion to make except that your name No 76 as you say so that Dr. [illegible] may not object. Should I ever strike a new genus I want it named after me.

Alypia [illegible] Boisduvalii was collected by me in the spring of 1875 and named by you A. [illegible] con. [illegible]. Look up my old specimen and see for yourself. I would like the [illegible] name when you publish the species. See my catalogue of 1878 No 2116 var. [illegible]. The new Section might be named [illegible] on account of the name that is [illegible].

Thanks for your notes on [illegible] and [illegible] I shall write you occasionally when I reach the genera regarding any difficulties I may meet with in my critical examination of the species.

With many thanks I am yours truly
[illegible]

Dr. [illegible]
Washington
DC

Nov. 30th 1887

My dear Sir.

I thank you very much for the publications which I received from you the other day. The Flora of Greenland came in good time as I was able to add Greenland to the first 25 pages which were just about to be struck off.

I am sorry I am unable to read Danish but we have a young man here who can and I will get him to read your article on the Greenland flora for me. After January we will make our distributions and will send you a large consignment of our plants. I return the 32 pages of your list with a page of hurried notes and a few crosses without notes. In these cases there was no necessity as I knew of the

Novr 3rd 1887

My dear Sir,

I thank you very much for the publications which I received from you the other day. The Flora of Greenland came in good time as I was able to add Greenland to the first 25 pages which are just about to be struck off.

I am sorry I am unable to read Danish but we have a young man here who can and I will get him to read your article on the Greenland Flora for me. After January we will make our distributions and will send you a large consignment of our plants. I return the 32 pages of your list with a page of Russian notes and a few names without notes. In these case there was no necessity as I know of

2.

occurrence where there could be no doubt about the position of the locality.

I remain very sincerely yours

John Macoun.

Dr. Eugene Warming
Museum of Botany
Copenhagen
Denmark.

2

occurrence where there could be no doubt about the position of the locality.

I remain, Very sincerely yours,

John Macoun.

Dr. Eugene Warming
Museum of Botany
Copenhagen
Denmark.

Nov 30th 1887

My dear Sir

Your letter of 26th inst. has been received and in answer I send the following notes.

My remarks before the Committee were that cereals and small fruits succeeded down the Peace River to Lake Athabasca. This is correct. At the same time I could neither advise a person to go out there for the purpose of raising such fruits nor affirm that he would be successful if he did go.

The climate is warm enough to ripen wheat throughout the whole district. Berries ripen and for the species all are remarkably sweet. Raspberries, Strawberries, Gooseberries & Currants are all good. Saskatoonberries (Amelanchier alnifolia) are very fine and sweet.

Nov. 30th 1887

My dear Sir

Your letter of 26th inst. has been received and in answer I send the following notes.

My remarks before the Committee were that Cereals and small fruits succeeded down the Peace River to Lake Athabasca. This is correct. At the same time I would neither advise a person to go out there for the purpose of raising such fruits nor affirm that he would be successful if he did so.

The climate is warm enough to ripen wheat throughout the whole district. Berries ripen and for the species all are remarkably small. Raspberries, Strawberries, Gooseberries & Currants are all good. Saskatoonberries (Amelanchier alnifolia) are very fine and sweet.

2

As a field crop, these fruits might be well but as they have never been cultivated in the country who can say? In the winter the thermometer sometimes falls to fifty below zero but there is snow on the ground. Sweet corn would not succeed in all seasons in my opinion although it might in some dry years.

Stock raising and mixed agri-culture will be the occupation of the settlers 20 or 30 years from now. You will remember that the region under consideration is from four to six hundred miles north of the Canadian Pacific Railway

Very truly yours
John Macoun

J. H. Quiggles Esq.
44 West Broadway
New York.

2

As a great deal of these fruits might har-
vest but as they have never been cultivated
in the country who can say? In the
winter the thermometer sometimes falls to
fifty below zero but there is snow on the
ground. Sweet Corn would not succeed
in all seasons in any district although
it might in some dry years.
Stock raising and mixed agri-
-culture will be the occupation of the settlers 20
or 30 years from now. You will remember
that the region under consideration is from
four to nine hundred miles north of the
Canadian Pacific Railway.

Very truly yours
John Macoun

J. H. Dickson Esq.
46 West Cumberland
New York.

Dec. 6th 1887

My dear Mr. Bebb.

Your very valuable letter has been received and read with great interest. I am the party under obligation, and feel that words cannot convey the estimate of the value of the work done for me by you.

My chief desire is to get Canadian botany in a systematized state and have all the mistakes if there are any recorded in my catalogue so that when the time comes we can revise and correct. Your work on the Willows will set that section in good shape.

I can understand your delight in examining what may be new to you as I myself feel my earlier sensations when I start in a new field and see many new forms and know that almost every step will add to my enjoyment. This brings up the days of yore when a young man I tramped the woods

Dec. 6th 1887

My dear Mr. Cobb:

Your very valuable letter has been received and read with great interest. I am delighted words [illegible] that words cannot convey the estimate of the value of the work done for me by you.

My chief desire is to get Canadian Botany in a systematic state and have all the mistakes if there are any recorded in my catalogue so that when the time comes we can revise and cure it. Your work on the Lichens will set that section in good shape.

I can understand your delight in examining what may be new to you as I myself feel my earlier sensations when I stepped in a new field and we were in new forms and knew that almost every step was added to my enjoyment. This brings up the days of yore when a young man I tramped the woods

alone yet not alone for all around me were friends that reminded me of even earlier days when I roamed in hand but without knowledge dig up the primroses and violets for my garden in the far off time in Ireland. Your letter has called up again those old days and I could sit down and recount the botanical events of the last 40 years. But enough of this we are both, I see, full of the present and I may say of the past and I hope we may both be spared to work out the task we have set before us our work is not for ourselves but for those that follow.

With best wishes and Christmas Congratulations to you and yours

I remain as ever

Very sincerely yours

John Macoun

M. S. Bebb Esq
Rockford
Ill.

2

alone yet not alone for all around me were friends that reminded me of our earlier days when I lived in Ireland but without knowledge of the grievances and wrongs of my people in the far off times in Ireland. Your letter has called up again those old days and I could not dream and recount the historic events of the last 40 years. But enough of this we are both I suppose of the present and I may say of the past and I hope we may both be spared to work out the task we have set before us and work in unity for much best for those that follow.

With best wishes and Christmas congratulations to you and yours

I remain as ever

Very sincerely yours

John Mason

Mr. [illegible] Esq

Rockford Ill.

Dec. 5th 1887

Dear Mr. Watson.

Your valuable letter of Nov. 26th came in due time and pleased me very much.

Since I wrote last and sent the parcel I have set nothing aside for you and only write now to thank you.

I have made many discoveries in grasses, and the lower forms and settled some of Mr Bebb's difficulties with the Willows so you see we are gradually working our way out of chaos.

Very truly yours

John Macoun

Mr S. Watson
Herbarium
Cambridge
Mass.

Dec. 6th 1887

Dear Dr. Watson.

Your valuable letter of Nov. 26th came in due time and pleased me very much.

Since I wrote last and sent the parcel I have found nothing aside for you and only write now to thank you.

I have made many discoveries in grasses, and the known forms and settled some of Mr Bebb's difficulties with the Willows so you see we are gradually working our way out of chaos.

Very truly yours
John Macoun

Dr. S. Watson
Herbarium
Cambridge
Mass.

Dec. 5th 1887

My dear Sir.

Your letter with the list came in due time and was inadvertently laid aside without being acknowledged.

I am glad you found something interesting in my gatherings.

A friend of mine (Dr. Burgess) is now living at Hamilton, Ont. he is an enthusiastic botanist and as he lives close to Burlington Bay and not far from Niagara and next summer purposes to botanize along Lake Erie he might be a valuable collector for you (I expect to collect next year on Prince Edward Island.) His address is Dr. Thomas Burgess, Assistant Superintendent, Insane Asylum, Hamilton, Ont. You might mention my name should you write.

The Nitella was gathered by my son about a mile and a half above the Canadian Club House on the St. Clair River, September 15th 1884. It is the only point where American boats stop on the

Dec. 5th 1887

My dear Sir,

Your letter with the list came in due time and was inadvertently laid aside without being acknowledged.

I am glad you found something interesting in my gatherings.

A friend of mine (Dr. Burgess) is now living at Hamilton, Ont. he is an enthusiastic botanist and as he lives close to Burlington Bay and not far from Niagara and must sometimes go over to Chicago along Lake Erie he might be a valuable collector for you (I expect to collect next year on Prince Edward Island.) His address is Dr. Thomas Burgess, Assistant Superintendent, Insane Asylum, Hamilton, Ont. You might mention my name should you write.

The Violets were gathered by my son about a mile and a half above the Canadian Club-house on the St. Clair River, September 15th 1884. It is the

Canadian side of the river.

I am now engaged writing Part IV of my Catalogue and intend to include the Characeae as that Order seems to be included in the Vascular Cryptogamia. Would it be too much to ask you to give me a complete list of our (Canadian) species and forms of that order as far as they have come under your observation.

Very sincerely yours
John Macoun

P. S. I send half of all I have of 202. C.C.
J. M.

T. Allen M.D.
10 East 36th St.
New York.

Canadian side of the River.

I am now engaged writing Part IV of my Catalogue and intend to include the [illegible] as that order seems to be included in the [illegible] Ophioglossaceae. Would it be too much to ask you to give me a complete list of our (Canadian) species and forms of that order as far as they have come under your observation.

Very sincerely yours
John Macoun

P.S. I send half of an [illegible] of [illegible].
J. M.

[illegible] M. D.
[illegible] 36th St.
New York

Dec. 6th 1887

My dear Burgess.

Your letters of Nov. 30th and Dec 1st are here. I have sent the three parts of the Catalogue as you desired. I am glad to learn you are going to Norfolk and Haldimand next summer. You will make quite a haul and depend upon it add many nice things to the flora.

Dr. Allen of New-York is Monographing the Characeae and will likely write you about collecting next year.

Thanks for the four Supplements and the notes to be added.

I have reached the Cyperaceae and struck your Cyperus erythrorhizos this afternoon. I have no specimens of it and as I doubt its authenticity I would like to see it. If you have no specimens to spare send me one, if not let me see your mounted one. Very truly yours

John Macoun

Dec. 6th 1887

My dear [illegible].

Your letters of Nov 30th and Dec 1st are here.
I have sent the three parts of the Catalogue as you desired. I am glad to learn you are going to [illegible] and [illegible] next summer. You will make quite a haul and [illegible] upon it add many nice things to the flora.

Dr. Allen of New York is [illegible] the Characeae and will likely ask you about collecting next year.

Thanks for the four supplements and the notes to be added.

I have reached the Cyperaceae and [illegible] your Cyperus [illegible] this afternoon. I have no specimen of it and as I doubt its distinctness I would like to see it. If you have a specimen to spare send me one, if not let me see your mounted one. Very truly yours
[illegible]

Dec. 10th 1887

Dear Mr. Morris

Your note of Nov. 3d reached me a few days since and in answer I may say that I have written about the [illegible] you desire and have no doubt but that you will receive them before spring.

I purpose getting a complete set of the articles and expect to pay only a small sum for the whole. I have used the mats in my home for many years and the sweet scent remains to this day.

You may expect these articles for a certainty as I desire to show both to yourself and Mr. Dyer that my professions meant more than words. Toward spring I will send you additions to the collection of 1878 and hope to send many valuable things as I have selected

Dec. 10th 1877

Dear Mr. Morris

Your note of Nov. 3d reached me a few days since and in answer I may say that I have written about the articles you desire and have no doubt but that you will receive them before spring.

I propose getting a complete set of the articles and expect to pay only a moderate sum for the whole. I have used the mats in my house for many years and they are not worn to this day.

You may expect these articles for a certainty as I desire to show both to yourself and Mr. Dyer that my professions meant more than words. Towards spring I will send you additions to the collection of 1878 and hope to send many valuable things as I have noticed

many new species during the past nine years.

The past season I was very successful and collected nearly 1600 species on Vancouver Island. I am gradually getting them worked up and putting the different things into the hands of specialists. I am at work on Part IV of my Catalogue and will have it published next spring. You will be surprised at the great number of grasses and Carices I enumerate and these in nearly every case are represented in our own collections.

We are about to publish, by the Survey, Centuries of Canadian Cryptogams at about twenty six shillings per century. Can we get you to subscribe for them? Of course the Phenogams are a present. The sale of the others is to cover extra labor.

Very sincerely yours

John Macoun

many new species during the past nine years.

The past season I was very successful and collected nearly 1500 species on Vancouver Island. I am gradually getting them worked up and putting the different things into the hands of specialists. I am at work on Part IV of my Catalogue and will have it published next spring. You will be surprised at the great number of Grasses and Carices I enumerate and these in nearly every case are represented in our own collections.

We are about to publish, by the Survey, Centuries of Canadian Cryptogams at about twenty five shillings per century. Can we get you to subscribe for them? Of course the Phanerogams are a present. The sale of the others is to cover extra labor.

Very sincerely yours
John Macoun

Dec. 13th 1887

My dear Professor

Your letter of November 21st and card of the 25th have both reached me. I am delighted to think that you have made so many discoveries amongst my mosses and that at last I have found a new Genus.

Since seeing your descriptions I am more satisfied with our the arrangement mentioned in my last letter. I may now add a little to it. Write critical notes on any species which you may think worthy of them. I will put them in order and add notes on distribution and in the Article to be published I will mention and in the preface the kindness you have shown and the critical work you have done taking credit to myself only for that part relating to distribution. By this means we will make a very valuable article both for this country and Europe. As

Dec. 13th 1867

My dear Professor

Your letters of November 21st and [illegible] of the 25th have both reached me. I am delighted to think that you have made so many dis-coveries amongst my mosses and that at last I have found a new genus.

Since seeing your descriptions I am more satisfied with me the arrangement mentioned in my last letter. I may now add a little to it. While entering notes on my species which you may think worthy of them. I will put them in order and add notes on distributions and in the Article to be published I will mention in the preface the kindness you have shown and the critical work you have done labouring with the expressly only for that part relating to distribution. By this means we will make a very valuable article [illegible] for this country and Europe. In

one hundred copies of every article is allowed free
of charge to the author I can promise you the whole
hundred if you desire them as I can pay for an
additional number by applying for them in time.
I will put away all your notes and either
arrange them for publication as you arrange them and
I will put in the distribution afterward. The paper
will be read the last week in May so there is ample
time for perfecting the arrangement. Should it meet your
wishes I might have material for another article next
year as you have not seen two thirds of my collection
yet. I will forward the first lecture to you as
soon as the tickets are printed and ask you as
soon as the tickets are printed ... examine them before sending them to
Prof. Price. I will also send you a set of the tickets
You will see many forms not submitted to you
and discover numerous mistakes but by your good-
-ness these can be rectified by reprinting the obscure
specimens in the set not already sent you will be for-
warded as soon as you let me know the de-

18

one hundred copies of every article [illegible] free
of charge to the authors I can furnish you the whole
hundred if you desire them as I can pay for an
additional number by applying for them in time.
I will put away all your notes and with
arrange them for publication as you arrange them and
I will put in the distribution afterward. The paper
will be read the last week in May so there is ample
time for perfecting the arrangement. Should it meet your
wishes I might have material for another article next
year as you have not seen [illegible] of any [illegible]
yet. I will forward the first [illegible] to you as
soon as the titles are printed and ask you as
a favor to examine these type [illegible] them to
[illegible]. I will also send you a set of the [illegible]
[illegible] with many forms not submitted to you
and [illegible] numerous mistakes but by your good-
ness these can be rectified by referring the [illegible]
[illegible] not already sent you will be for-
warded as soon as [illegible]

-liènes. As I am exceedingly busy working up other material I cannot spend much time now on the mosses and send you now only a very few. I hope the parcel I sent reached you in good order and may be of use to you. Let me know any species of which you want a further supply and I will forward it if I have any on hand. I am making the corrections as you forward them and keep a record of everything.

Is not Macromitrium [illegible] 308 instead of 306 as you write it. 306 is a Grimmia.

Your card of Nov. 29th has just reached me. I am astonished at my success in unearthing so many new things so in fact it pleases me that you have been able to separate so many fine things from the mass of unworked material at your office.

Hoping that your heart has been gladdened by my last parcel

I remain as ever yours
most obliged friend
John Macoun.

Dr. Nils Kindberg
Linköping
Sweden

[illegible]. As I am exceedingly busy working
with other matters I cannot spend much time now
on the [illegible] and send you now only a copy
[illegible]. I hope the parcel I sent reached you in
good order and may be of use to you. Let
me know any species of which you want a little
supply and I will forward it if I have any
on hand. I am returning the [illegible] as you
forward them and keep a record of everything.
To [illegible] 308 instead of
306 as you wrote it. 306 is a [illegible].
Your card of Nov. 29th has just reached
me. I am astonished at my [illegible]
[illegible] so many new things on the first [illegible] this
you have been able to separate so many fine things
from the [illegible] collected material at your [illegible]
[illegible] hoping that your health has been [illegible]
[illegible] very best [illegible]
I remain as ever yours
[illegible] obliged friend
[illegible]

[illegible] Esq.
[illegible]
[illegible]

Dec. 16th 1887

My dear Sir.

Your letter of the 8th inst. was received in due time and gave me much pleasure except the paragraph relating to Dr. Gray. I was very much shocked to hear of his illness and hope now it has passed away as there have been no announcement in the papers of his death.

I am much gratified at the results of my summer's work on Vancouver Island, besides grasses I have already 15 new species of Mosses announced and expect to hear of more. Other new species are already mentioned so that I will add about 40 species to science in the one summer. I must have another summer on the island as there are certainly many new things in the north.

Of the first parcel you omitted to make any reference to Nos. 28, 33, 4, 37 & 41 and in the last one to Nos. 100, 152, 158, 173 & 182. Please in your next mention these. I believe however there is nothing remarkable among them but I wish to have your word for the species

Dec. 16th 1887

My dear Sir.

Your letter of the 8th inst. was received in due time and gave me much pleasure except the paragraph relating to Dr. Gray. I was very much shocked to hear of his illness and hope now it has passed away as there have been no announcements in the papers of his death.

I am much gratified at the result of my summer's work on Vancouver Island, besides grasses I have already 16 new species of Mosses announced and expect to have of more. Other new species are already mentioning so that I will add about 40 species to science in the one summer. I must have another summer on the island as there are certainly many new things in the north.

Of the first parcel you omitted to make any reference to No. 28, 33, 45, 57, 17 & 41 and in the list as to No. 116, 154, 158, 159 & 162. These are grass and much them. I believe there is nothing remarkable among them both I wish to have your name for the species

2

Next year my son will get more of No 125 as he will be in the same regions again. I am sorry I can give you no more of Glyceria pumila but can a speci-men of G. brevearistata. As soon as I reach the grasses when writing the Catalogue I will be sending you down some difficult things and will send the specimens of Oryzopsis.

Should Dr. Dawson's Oryzopsis be a good species. Please name it after him as he collects many fine things.

I am under great obligations to you for the trouble you have taken and hope you may long continue to prosecute the good work.

Very truly yours
John Macoun.

George Vasey M.D.
Botanist
Agricultural Dept.
Washington

2

Next year you can get more of No 125 as he will be in the same region again. I am sorry I can give you no more of Cyperus juncoides but send a specimen of C. [illegible]. As soon as I reach the Gramineae in making the Catalogue I will be sending you some different things and will send the specimens of Cyperus.

Should Dr. [illegible]'s Cyperus be a good species. Please name it after him as he collects many fine things.

I am under great obligations to you for the trouble you have taken and hope you may long continue to prosecute the good work.

Very truly yours
John Macoun.

George Vasey M.D.
Botanist
Agricultural Dept.
Washington

Dec. 17th 1887

My dear Sir

Your letter has been received and I am glad to learn more about the new species. I would rather have the new Nitella called Macouniana as it was gathered by my son. He found a new species of grass two years ago and Dr. Vasey named it Macouniana as those named after me are named Macounii

Should you fail to get to the St. Clair River next autumn either my son or myself will go there for certain as I will make a point of going to Niagara and to St. Clair if possible

Perhaps as we are getting new Charas all the time it might be as well to leave them out of Part IV and commence Part V with them. The latter will be written two years from now. This section will be large enough without

Dec. 17th 1887

My dear Sir

Your letter has been received and I am glad to learn more about the new genus. I would rather have the name [illegible] called Macrosoma as it was published by my Lord. He found a new species of yours two years ago and Dr. Henry named it Macroniana as there named after me are named Macrosomii

Should you fail to get to the St. Clair Flats most certainly either my son or myself will go there for certain as I will make a point of going to Niagara and to St. Clair Flats of June

Perhaps as we are getting near Xmas at the time it might be as well to have them out of Part IV and commence Part V with them. The latter will be written two years from now. This edition will be large enough without

them so we will decide not to include them this time as I would want the list not later than March.

Very truly yours
John Macoun

T. Allen M. C.
10 East 36th Street
New York.

them as we now decide not to include them this time as I would want the list not later than March.

Very truly yours
Alfred Mason

S. Allen M. D.
10 East 26th Street
New York.

Dec. 22nd 1887

My dear Sir

Your favor of 29th October was received in due time and read with great pleasure. I am glad my specimens assisted in making your knowledge of west coast roses more complete.

I now send two specimens of the only Rose seen by Dr. G. M. Dawson as far north as Lat. 63° west of the Rocky Mountains. You will please note that these are not from Alaska but from Canadian territory.

This completes all the Roses we have on hand at present. Next summer I hope to spend in the eastern & Atlantic provinces and will gather all the forms I meet with there both in fruit and flower.

Very truly yours
John Macoun.

M. François Crépin
Dir. Jardin Bot.
8 Rue de La Esplanade
Brussels, Belgium

Dec. 22nd 1887

My dear Sir

Your favor of 29th October was received in due time and read with great pleasure. I am glad my specimens assisted in making your knowledge of west coast Roses more complete.

I now send two specimens of the only Rose seen by Dr. G. M. Dawson as far north as Lat. 63° west of the Rocky Mountains. You will please note that these are not from Alaska but from Canadian territory. This completes all the Roses we have on hand at present. Next summer I hope to spend in the eastern or Atlantic provinces and will gather all the forms I meet with there both in fruit and flower.

Very truly yours
John Macoun.

M. François Crépin
Dir. Jardin Bot.
8 Rue de la Pépinière
Bruxelles, Belgium

Dec. 23rd 1887

My dear Sir

The parcel reached me today and I returned it this evening. Accompanying this is a list with the names and numbered as you find the specimens. No 1 refers to the plant sent in your last letter. I will now keep a register of all the specimens sent so that I will may have it as a future reference.

All the species are named in accordance with my Catalogue so you will find the synonymy there.

I have carefully re-read all you have hitherto published and placed it in my scrap book. Please send me No III on the Rubus fruits as it failed to connect. I will introduce all Reck's plants into the Catalogue but I can't with Bonaparte as his mistakes are too evident.

You have made a splendid start and if you eliminate all or a great part of the mistakes of your predecessors you will confer a great benefit on your country.

Dec. 28th 1887

My dear Sir

The parcel reached me today and I examined it this morning. Accompanying this is a list with the names and numbered as you find the specimens. No 1 refers to the plant sent in your last letter. I have now kept a register of all the specimens sent so that I may have it as a future reference.

All the species are named in accordance with my Catalogue as you will find the synonymy there.

I have carefully re-read all you have published and placed it in my scrap book. Please send me No III on the Rubus genus as it failed to come. I will introduce all Rubus plants into the Catalogue but I can't with Bonaparte's as his mutilations are too evident.

You have made a splendid start and if you eliminate all or a great part of the mutilations of your predecessors you will confer a great benefit on your country.

Please pick up anything you may see in the spring and I will name and return it promptly.

There are three Botanical journals in the United States. The Torrey Bulletin, published in New York. The Botanical Gazette, in Crawfordsville, ~~Illinois~~ Indiana. and the Mycologic Journal at Manhattan, Kansas. The last two are published at two and one dollars per year respectively. I think the first is only a dollar.

Very truly yours
John Macoun

Rev. A. Waghorne
New Harbor
Newfoundland.

Please pick up anything you may see in the spring and I will name and return it promptly.

There are three Botanical journals in the United States. The Torrey Bulletin, published in New York. The Botanical Gazette, in Crawfordsville, ~~Illinois~~ Indiana, and the Mycologic journal at Manhattan, Kansas. The last two are published at two and one dollars per year respectively. I think the first is only a dollar.

Very truly yours
John Macoun

Rev. A. Waghorne
New Harbor
Newfoundland.

Dec. 29th 1887

My dear Sir.

You need not fear a want of copy as I can supply plenty of it.

I return today galleys 11 & 12 which may be paged. You may not be aware that galleys 9 & 10 have not been read a second time yet and as there may be additions necessary I wish to have them before they are paged.

I am wrong 9 & 10 have been read twice. Page all you have now in galley form.

Very truly yours
John Macoun

Richard White Esq
Gazette Office
Montreal

Dec. 29th 1887

My dear Sir.

You need not fear a want of copy as I can supply plenty of it.

I return herewith galleys 11 & 12 which may be paged. You may not be aware that galleys 9 & 10 have not been read a second time yet and as there may be additions necessary I wish to have them before they are paged.

I am sorry 9 & 10 have been sent twice.

Hope as you have now in galley form

Very truly yours
Peter Mason

Richard White Esq
Bayde Office
Manchester

Dec. 28th 1887

Dear Sir,

I beg to acknowledge with thanks the cheque for $50 which his Excellency the Governor General so graciously presented as a donation to the funds of the Irish Protestant Benevolent Society. His Excellency may rest assured that it will be judiciously applied and the blessings of the poor will be mingled with the thanks of our Society in its distribution.

The Secretary or Treasurer will formally acknowledge the receipt of the cheque.

I have the honor to be
Sir
Your most obedient Servant
John Macoun

Capt.
Henry Streatfeild
A. D. C.
Rideau Hall.

Dec. 28th 1887

Dear Sir,

I beg to acknowledge with thanks the cheque for £50 which his Excellency the Governor General so graciously presented as a donation to the funds of the Irish Protestant Benevolent Society. His Excellency may rest assured that it will be judiciously applied and the blessing of the poor will be mingled with the thanks of our Society in its distribution.

The Secretary & Treasurer will formally acknowledge the receipt of the cheque.

I have the honor to be
Sir
Your most obedient Servant
John Macrae

Capt. Henry Streatfield
A.D.C.
Rideau Hall.

Dec. 28th 1887

Dear Professor

The pamphlets which you so kindly sent have been here for some time and I have read them with much interest. Since my return I have been extremely busy and have not even looked at my alcoholic specimens but hope to do so before spring.

With this I send the three parts of my Catalogue of Canadian Plants and hope they may interest you. I have the fourth part well under way and hope to have it distributed in spring.

Wishing you and your amiable partner the compliments of the season

I remain
Very truly yours
John Macoun

Prof. Carl H. Eigenmann
Agassiz Museum
Harvard
Cambridge, Mass.

Dec. 28th 1887

Dear Professor

The pamphlets which you so kindly sent have been here for some time and I have read them with much interest. Since my return I have been extremely busy and have not even looked at my alcoholic specimens but hope to do so before spring.

With this I send the third part of my Catalogue of Canadian Plants and hope they may interest you. I have the fourth part now underway and hope to have it distributed in spring.

Wishing you and your amiable partner the compliments of the season

I remain
Very truly yours
John Macoun

Prof. Chas. [illegible]
Agassiz Museum
Harvard
Cambridge, Mass.

Dec. 28th 1887

My dear Sir

I send with this all the violets of which I have duplicates. By looking at my Catalogue you will see all we have in this country and be able to tell how near my naming comes to the truth. Before spring I may be able to send you a few others and some Charas gathered last summer on Vancouver Island.

Next summer I will be collecting on the Atlantic coast and will get all the forms which grow on the east side of the continent for you.

Before spring we will get off a large packet of plants to various European botanists.

Very truly yours
John Macoun

Prof. L. J. Wahlstedt
Christianstad
Sweden.

P.S. The Violets were very acceptable. J.M.

Dec. 28th 1887

My dear Sir

I cannot write thus all the circle of which I have duplicates. By looking at my Catalogue you will see all we have in this country and by able to let have now my meaning must the Birds. Before spring I may be able to send you a few others and some [illegible] but [illegible] on Vancouver Island.

Next summer I will be collecting on the Atlantic Coast and will get all the forms which grow on the east side of the Continent for you. Before spring we will get off a large shipment of plants to various European botanists.

Very truly yours
John Macoun

Prof. [illegible]
[illegible]
Sweden.

P.S. [illegible]

Dec. 27th 1887

My dear Madam

Your note of the 21st inst. advising me that I had been elected a corresponding member of the Torrey Botanical Club gave me great pleasure and I appreciate fully the great honor you have done me. Since its first inception I have had the most cordial relations with many of its members some of whom have passed away.

I hope in the future to show that your confidence in me has not been misplaced. With the permission of the club I will gladly send interesting notes on a variety of botanical subjects that may be of value to the members.

I remain

Very respectfully yours

John Macoun

Miss Helena C. Carkins

Cor. Secretary

Torrey Botanical Club.

118 East 82nd St. N.Y.

Dec. 27th 1887

My dear Madam

Your note of the 21st inst. advising me that I had been elected a corresponding member of the Torrey Botanical Club gave me great pleasure and I appreciate fully the great honor you have done me. Since its first inception, I have had the most cordial relations with many of its members, some of whom have passed away. I hope in the future to show that your confidence in me has not been misplaced. With the permission of the Club I will gladly send something on a variety of subjects that may be of value to the members.

I remain
Very respectfully yours
[illegible]

Miss Helena C. Curtis
Cor. Secretary Torrey Botanical Club.
[illegible]

Dec. 26th 1887

Dear Mr. Groves.

Your lovely collection of British Characeae was received in excellent condition and has added largely to my not inconsiderable collection of that interesting order. Mr. Bennett forwarded the list of names of the Rocky Mountains Characeae for which I thank you both.

During the coming month I will be sending a package of Characeae to Mr. Bennett and in it I will send duplicates of all the Charae I have other than those of the Rocky Mountains. I collected a few species last summer on Vancouver Island but these may be nothing of interest.

Very truly yours
John Macoun

Henry Groves Esq.
16 St. Michael's Road
Stockwell S. W. London.

Dec. 28th 1897

Dear Mr. [illegible],

Your lovely collection of [illegible] [illegible] were received in excellent condition and have added largely to my not inconsiderable collection of that interesting order. Mr. Bennett forwarded the list of names of the Rocky Mountain [illegible] for which I thank you both.

Owing to the coming month I will be sending a package of [illegible] to Mr. Bennett and in it I will send duplicates of all the [illegible] I have other than two of the Rocky [illegible]. I collected a few specimens [illegible] on Vancouver Island but they may be nothing of interest.

Truly yours
[illegible]

[illegible] Esq.
[illegible]
[illegible] London.

Dec. 29th 1887

My dear Sir,

Acting under the advice of my friend Dr. Lindberg I send by this mail three packs of Lichens. In all 100 packets. Please retain the specimens and send me the names. Part are named as I understand them. The others are those I collected last summer and I have not had time yet to examine them even in a cursory manner.

From time to time I will send you all the forms I have and hope to have your opinion of the names as I am desirous of having all my species correctly named.

Very truly yours

John Macoun.

Th. J. Fries
Upsala
Sweden.

Dec. 29th 1887

My dear Sir,

Acting under the advice of my friend Dr. Kindberg I send by this mail three packs of Lichens. There are 100 packets. Please return the specimens and send me the names. Most are named as I understand them, the others are those I collected last summer and I have not had time yet to examine them even in a cursory manner.

Some time later I will send you all the forms I have and hope to have your opinion of the names as I am desirous of having all my species correctly named.

Very truly yours,
John Macoun.

Prof. T. Fries
Upsala
Sweden.

[illegible] Dec 29th

My Dear Sir.

I have mailed another [illegible] containing of plants to your address to-day. Do not think that we have forgotten to return your [illegible] but my father has been so busy [illegible] that he has done little at the Catalogue for some weeks. [illegible] he has [illegible] from [illegible] again [illegible] so little [illegible] until it is completed. [illegible] is [illegible] of [illegible] this year [illegible] it will not be long now before we can return them, with best wishes for [illegible] [illegible] New Year. I remain

Yours truly
[illegible]

[illegible]

Dec. 30th 1887

My dear Sir.

Three days ago I sent 100 specimens of Lichens to Prof. Fries to Upsala I mentioned in a note to him that you had recommended me to do so. Your cards of Nov. 28th Dec. 7th. 11th; 12th and letter of 13th are all here. I am glad you have received the mosses all right. You need be in no hurry about re-turning the specimens as I am too busy at other work just now to do anything with mosses.

I thank you very much for the short des-criptions and will use part of them in printing the tickets. In some cases I have not enough of speci-mens to publish them yet. I am delighted with the number of new species but am quite sure you have not found out all of them yet as I have material still to send and expect to make a big collection the coming summer on Prince Edward Island so next year we may have material for another paper. I think the better plan for the paper is for you to write out as many notes as

Dec. 30th 1887

My dear Sir.

Three days ago I sent 100 specimens of Lichens to Prof. Fries at Upsala I mentioned in a note to him that you had recommended me to do so. Your cards of Nov 29th Dec. 2nd, 11th, 12th and letter of 18th are all here. I am glad you have received the mosses all right. You must be in no hurry about returning the specimens as I am too busy at other work just now to do anything with mosses.

I thank you very much for the whole descriptions and will use part of them in printing the labels. In some cases I have not enough of specimens to publish them yet. I am delighted with the number of new species but am quite sure you have not found out all of them yet as I have material of the same and expect to make a big collection the coming summer on [illegible] Island I intend for next year we may have material for another paper. I think the better plan for the paper is for you to write out as many notes as

2.

you choose ov all the species sent and make a systematic list all the way through including all sent the last two years. Be sure and put the numbers of the two series after each species so that I may be able to tell all about the distribution. After getting your paper I will copy it and put locality and date after it so that we will have a paper both scientifically correct and very full as regards locality.

I have waited for the tickets for some time and I have just come to the conclusion that it might be better for me to send the Century destined for Prof. Fries to you and get your report before distributing. I know the Cicermis are not exactly right. When you see the set you could then tell me those you were short of and I could send them over to you. Should I send the first two Centuries I will just send a list of names corresponding to the numbers of the packets and you can hold them until

2

you choose one or all the species sent and make a systematic list all the way through including all sent the last two years. The name and just the numbers of the two series after each species so that I may be able to tell all about the distribution. After getting your paper I will copy it and just [illegible] and date after it so that we will have a paper both scientifically correct and my field as regards locality.

I have waited for the [illegible] for some time and I have just come to the conclusion that it might be better for me to send the [illegible] collected for Reg. Series to you and get your report before distributing. I know the Orioles are not exactly right. When you see the set you could then tell my [illegible] you know about it and I could send them over to you. Should I send the first two Centuries I will just send a list of names corresponding to the numbers for the packets and you can hold them until

3.

I get everything set right here.

From what you have already done I am prepared for many changes in the others to be examined and as I am going to be guided by you in part I shall be better satisfied to be guided in whole.

As soon as I get my Photo. taken I will send you one and hope it will please you.

It is understood then, that we will have our list ready to be submitted to the Royal Society on the 24th May next. Your work to be wholly scientific mine only to put in the localities and this will be explained in the preface to the paper. The collections are mine the work of determination is yours.

By May you will have forty new species at least besides varieties. I am delighted with the thought.

Very truly yours
John Macoun

Dr. Nils Conrad Kindberg
Linköping
Sweden.

P.S. Accept the compliments of the season
J.M.

2

I got everything out right here.
From what you have already done
I am prepared for many changes in the [illegible] to
be examined and as I am going to be guided
by you in part I shall be better satisfied to be
guided in order.

As soon as I get my Photo-letter
I will send you one and hope it will please you.
It is understood then that we will have
our list ready to be submitted to the Royal Society
on the 26th May next. Your work to be wholly
scientific mine only so far in the booklets and
this will be explained in the preface to the paper.
The collection are more the work of determination
as yours.

By May you will have forty new
species at least besides varieties. I am delighted
with the thought.

Very truly yours
John Macoun

Dr. W. Lennard [illegible]
[illegible]
[illegible]

Ottawa Jan 5th 188[illegible]

Wm. Carruthers F.R.S. &c.
British Museum
London.

Dear Sir.

I have mailed you to-day a small pac[illegible] of plants. [Bo]th my father and myself have been too [bu]sy to [dev]ote much time to this sort of [wo]rk but you may expect an occasional [pa]ckage of our last years collections, every two [wee]ks during the winter and I hope [al]so to find time to get out a set of grasses and carices for you.

Yours truly
Jas. M. Macoun.

P.S. I will call this Package No. I. and number them in the future so that we may know if they all reach you in safety.

Jan. 7th 1888

My dear Sir.

I send today by Express a parcel of Umbellifers which you will please examine and return, except 24 specimens, collected last year on Vancouver Island, which you will keep and send me the names of at your convenience.

The specimens from the herbarium are all our own ones. You will see by my Catalogue those I still retain. Should you find any mistakes in naming or wish to put any notes on the sheets do so by all means as I am anxious to have all my mistakes corrected.

Very truly yours

John Macoun

Prof John Coulter
Crawfordsville
Indiana

June 7th 1888

My dear Sir:

I send today by Express a parcel of Lepidoptera which you will please examine and return, except the specimens, collected last year, on Vancouver Island, which you will keep and send me the name of at your convenience.

The specimens from the Selkirks are all now named. You will see by my Catalogue those I wish returned. Should you find any mistakes in naming or wish to put any notes on the labels do so by all means as I am anxious to have all my mistakes corrected.

Very truly yours
John Macoun

Prof. John Coulter
Crawfordsville
Indiana

January 7th 1888

My dear Sir,

Your letter of Dec. 18th has reached me. I am sorry the catalogues failed to connect but I send an old one with this which will give you the names as understood by Austin 15 years ago.

I am delighted to know that you are making up a reference set for the Museum as that is just what we want. From my past experience I am quite sure there are many new things yet to be found and I hope to find them yet. Next year I will add largely to my list as I will be working in the east.

There are few wants that cannot be re-medied except the loss of eyesight and I am truly glad to learn that your eyesight is better. By all means take care of it.

Dr. Lindberg of Sweden has been sent

January 7th 1888

My dear Sir

Your letter of Dec. 15th has reached me

I am sorry the catalogue failed to connect but I send one with this which will give you the names as published by [illegible] 15 years ago.

I am delighted to know that you are making up a reference list for the Museum as that is just what we want. From my past experience I am quite sure that as many new things yet to be found and I hope to find them yet. Last year I was able largely to my list as I can be nothing in the [illegible]

There are four records that cannot be a- -rranged except the loss of eyesight and I am truly glad to learn that your eyesight is better. By no means take care of it.

Dr. [illegible] of Aberdeen has been sent

2

at a part of my mosses and strange to say has discovered no less than 36 new species. These are chiefly from my collections of 1885 in the Rocky Mountains and last year's on Vancouver Island.

Besides these I have found many new grasses and other plants so you see I am not idle when I take the field.

Very truly yours
John Macoun

W. H. Pearson Esq.
15 The Walk
Eccles
near Manchester
England.

at a part of my mosses and change to my
has discovered no less than 36 new species. These
are chiefly from my collection of 1885 in the Rocky
Mountains and last year's on Vancouver Island
Besides these I have found many new
Grasses and other plants so you see I am
out with others I take the field.

Very truly yours
John Macoun

W. H. Pearson Esq.
15 The Walk
Eccles
Near Manchester
England.

Jan. 7th 1888

Dear Mr Carruthers

I have not written since early in spring as I have been so fully occupied with my various duties and knowing that you would hear of my doings through Mr. Ridley and Mr. Murray.

A few days since we sent off our first consignment of this years additions which I hope will give satisfaction. Mr. Murray has now in hand my Algae chiefly collected last year. Dr. Kindberg of Sweden is busy with my mosses and has already worked out of my Rocky Mountain and Vancouver Island collections no less than 36 new species. Mr Pearson is busy with the Hepaticae and writes that I have immense and valuable collections.

Jan. 9th 1888

Dear Mr Carruthers

I have not written since early in spring as I have been so fully occupied with my various duties and knowing that you would hear of my doings through Mr [illegible] and Mr Murray.

A few days since we sent off our first consignment of the year's collections which I hope will give satisfaction. Mr Murray has now in hand my Algae chiefly collected last year. Dr. Hinckley of Honolulu is busy with my mosses and has already worked out my Scaly [illegible] and [illegible] [illegible] the Lichens are [illegible] than 36 new species. Mr [illegible] is busy with the Hepaticae and writes that I have numerous and valuable collections.

2

Besides these lower forms I have numerous new and interesting species of the higher orders. As I get these in shape I will, from time to time send over consignments of additions to the Herbarium.

For nearly three months I have been working at Part IV of my Catalogue and am now in the midst of the Carices. Part of it is already struck off and we hope to distribute it before I leave for the field in spring.

You will gather from this what I have done (in part) during the past year but I have many species of small fish and reptiles in Alcohol which I hope to get at before spring. Duplicates of these will be sent to your Museum for identification.

Very sincerely yours
John Macoun

[W]illiam Carruthers F.R.S.
British Museum.

2

Besides the above forms I have num-
-erous new and interesting species of the higher
orders. etc. I put these in while I write, from
time to time and can arrange any consignment of ad-
-ditions to the Smithsonian.

For nearly three months I have been
working at Part IV of my Catalogue and am
now in the midst of the Genera. Part of it is
already struck off and we hope to distribute
it before I leave for the field in spring.

You will gather from this what I
have done (in part) during the past year. but
I have many species of minor fish and reptiles
in alcohol which I hope to get at before spring.
Duplicates of these will be sent to your Museum
for identification.

William Carruthers F.R.S.
British Museum.

Very sincerely yours
John Macoun

Jan 9th 1888

Dear Mr. Ridley

Your note of Dec. 2nd duly reached me. I had not heard of your absence in Brazil and am glad you have returned in safety.

Many thanks for your notes on the Orchids. By good luck I decided, when working out the synonymy, just what you have found to be the fact, regarding the Habenarias. The only mistake, if a mistake, as you say you are not clear on the point was to place H. graminea Lindl. under H. spiranthiflora Watson as a synonym.

Before I received your note the first 25 pages were struck off so I had to leave them just as they were. When we reach the Endogens you will receive some very nice Orchids and Lilies. My son just tells me they will go in the next parcel.

About 75 species were sent to you last

Jan 9th 1888

Dear Mr. Ridley

Your note of Dec. 2nd duly reached me. I had not heard of your absence in Europe and am glad you have returned in safety.

Many thanks for your notes on the Orchids. By good luck I decided, after working out the synonymy, just what you have found to be the fact, regarding the Habenarias. The only mistake, if a mistake, as you say you are not clear on the point, was to place H. [illegible] Lindl. and H. [illegible] as a synonym.

Before I received your note the first 25 pp. were struck off, so I had to leave them just as they were. When we reach the Endogens you will [illegible] come [illegible] more Orchids and Lilies. By an [illegible] [illegible] as they [illegible] in the next [illegible] about 75 species more [illegible]

2

work. I have over a peck of the Polypetalae of this year's collecting.

Please lay aside for me any duplicates of the old collections of Canadian plants you may come across. We have now nearly every species recorded as Canadian except a few from the far north.

As yet we are too superficial in America to figure our various species and when they would be found wanting were followed down to figures. The day of lumping and guessing is nearly over and should I live ten years longer the Canadian flora at any rate will be separated so that my successor may have a clean sheet upon which to make his advance. Mosses that have been regarded as identical with European ones are now found to be new and more surprising still, they find polypetalae doing duty in the same way.

H. N. Ridley B.A.
British Museum

Very truly yours
John Macoun

2

[illegible]. There are a lot of the [illegible]
of this year's collecting.

Please keep aside for me any duplicates
of the old collection of Canadian plants you may
have access. We have now nearly enough [illegible]
recorded as Canadian except a few from the
far north.

As yet we are too [illegible] with
Canadian [illegible] figures [illegible]
[illegible]

Very truly yours
John Macoun

[illegible]
British Museum

Jan. 9th 1888

My dear Sir

Your very valuable and interesting list of the Pleurocarpae came safely with your letter and has given me great satisfaction.

With this I send a packet of mosses, chiefly Pleurocarpae, which you have not yet seen. The packet contains 56 species. I will shortly send the 80 [illegible] for Mr. [illegible] besides this I will send a set for yourself as you may desire to have them as a complete series.

There are a few numbers I would like you to mention in your next. I am not clear on 174 and 178 from Vancouver Island and 318a & 318b of the first series.

174 you name filicinum and 318a & 318b [illegible]. Please have another look at these.

The following numbers are not mentioned in the list of Pleurocarpae 147 a b (254)([illegible]) ([illegible]) ([illegible]) 179 [illegible] 208 [illegible]. Those enclosed in brackets are of the first series.

June 9th 1888

My dear Sir

Your very valuable and interesting list of the Rhopalocera came safely with your letter and has given me great satisfaction.

With this I send a packet of names, chiefly Rhopalocera, which you have not yet seen. Heterocera contains 78 species. I will shortly send the [illegible] for [illegible] besides this I only send a set for yours as you may desire to have them as a complete series.

There are a few numbers I would like you to mention in your next. I am not clear on 174 and 178 from [illegible] and 310 & 312 of the first series.

174 you name [illegible] and 217 & 218 [illegible]. These [illegible] back at [illegible].

The following numbers are not mentioned in the list of Rhopalocera 112 [illegible] (13 & 14) [illegible] (202) (204) 177 [illegible]

[illegible] these were in [illegible] of the first series.

—

My son is now getting out duplicates for various places and is putting out the mountain and western species for you. You may expect a packet shortly.

I will go over all the Pleurocarpous mosses and try to pick out the [illegible] [illegible]. I received Prof. Warming's proof in succession and always returned it the next day. We are putting out a complete series of plants for Prof. Warming.

Your mosses I believe that we should retain Encalypta [illegible] and change Philonotis [illegible] to P. marchica? Am I right?..

I am quite satisfied that your critical examination of my specimens is the best Bryologic work yet done in America. Since the death of Sullivant and even by him. I discovered long ago that names of flowering plants had been applied to American ones and the descriptions placed under them; when I compared the plant with the description I could not make them agree and as soon as I could get the European plant I found out the

fraud. Many of my names are now satisfactory but some I am satisfied we will get them all right. As long as you are satisfied to examine my material I will get you a fresh supply every year. I am not clear on the Pyrolaceae [illegible] and your new material. I think I have [illegible]. When I get the next lines from you I will then know what to send. I have many odds and ends yet lying around but have too much on hand now to look them up.

Please remember we want the paper from May 24th number last year you are publishing as supplement and so on from year to year.

My age is nearly 56 as you are we are nearly the same age. My business now is wholly botany and I confine myself to collecting everything in season and working at the catalogue in winter. In two years I will reach the [illegible]

I think when a business man has

given to an American name, as in the case of "Mnium hymenophylloides, and when a species is badly characterized you should give a new name and state where your species differs from the description. By doing this you may make synonyms but you clear up doubts and make the next writer on American species define his species better.

As soon as I hear from you again I will send another lot.

Very truly yours,
John Macoun.

Cav. Nils Conrad Kindberg
Linköping
Sweden.

Ottawa Jan 9th 188[illegible]

Dear Dr. Rogers

Your parcel reached me Saturday and in a day or two I will have time to examine its contents and report [illegible]. I should like to see a few more specimens [illegible] [illegible] if you could send [illegible] [illegible] me.

Yours truly
John Macoun
[illegible].

Dr. Rogers
Insane Asylum
Hamilton.

Jan. 11th 1888

My dear Mr. Bennett.

I have this day sent off 51 species of Carex to you for examination. The names with the exception of a few are attached. One marked as a form of C. canescens v. alpicola, Bailey refers now to a form of Deweyana as v. sparsiflora. C. frigida he now thinks is new and will call it C. ablata. I want your opinion on what I send. You will see that nearly all are from Vancouver Island and collected last year. Please carefully examine the three last numbers as they are very interesting to me. C. physocarpa has had many names. This is Bailey's present name.

I have now reached C. Deweyana in cataloguing our plants. I make three species out of C. canescens = canescens, arcta, and vitilis - they are distinct enough to be separate. I am not following Bailey in my arrangement but [illegible]

Jan. 11th 1888

My dear Mr. Bennett

I have this day sent ff 51 species of Carex to you for examination. The names with the exception of a few are attached. One marked as a form of C. canescens v. alpicola, Bailey refers now to a form of C. vulgaris v. hyperborea C. [illegible] he now thinks is new and will call it C. [illegible]. I want your opinion on what I send. You will see that nearly all are from Vancouver Island and Alberta last year. Please carefully examine the two last mentioned as they are very interesting to me. C. [illegible] has had many names. This is Bailey's present name.

I have now reached C. vulgaris in catalogueing our plants. I make three species out of C. canescens = canescens, arcta, and vitilis. They are distinct enough to be separate. I am not fol-lowing Bailey in my arrangement but

2

more in line with Williams Britton and Boeckeler.
So far I have placed all the forms to my satisfaction
but am in doubt about some of Booth's species in [illegible]
[illegible] Flora Borealis Americana.

Are you sure any of my specimens are C. Dioica?
If so please mention the [illegible]. I make my Anticosti speci-
mens this species.

Do you know what plants ~~is~~ are meant by C. muricata
and elongata in Hooker's Flora?.

In our next parcel we will send the tenella,
Cygeganis and other odds and ends but there will not
go for some time as I am extremely busy trying
to do good work and keep ahead of the printers. I
thank you very much for your notes and will [illegible]
corporate them in their proper places.

I hope the trouble you wrote me about has
passed away and that your brother is himself
again.

Wishing you the compliments
of the season
I am yours truly
John Macoun

Arthur Bennett F.L.S.
High Street
Croydon

2

were in line with Williams Bartlett and Orchids.
So far I have placed all the genera to my satisfaction
but am in doubt about some of [illegible] species in list-
as [illegible] Commissioner.
Can you send any of my specimens as C. [illegible]?
If so please mention the case. I made my [illegible] spec-
mens this species. Do you know what plant is meant by C. [illegible]
and [illegible] in [illegible] Plan?
I am most pleased we will send the [illegible] –
[illegible] and other orchids and send list then we [illegible]-
So far some time as I am extremely busy [illegible]
& the great work and lack of [illegible] of the gardeners. I
thank you very much for your note and will un-
fortunately there is this paper planned.
I hope the plants you sent me about two
years away and that your health is thoroughly
again.
Wishing you the compliments of the season

Arthur Bennett F.L.S.
Ever yours truly
[illegible]
[illegible]

Jan. 12th 7

W. L. Britton Esq.

My Dear Sir.

I send you to-day our first century of Canadian plants, and others will follow as I have time to get them out. As I said in my last letter we will if you desire it for Columbia College supply you with as full a set as our supply of duplicates will admit, of Canadian plants, and as I am checking off those I send you it will be easy another season to collect for you many species that we have not now on hand. If however you do not desire the commoner species will you kindly write me to that effect, for as you no doubt know label-writing consumes not a little time and unless you will use the specimens I won't waste time upon any but those I think would be of interest to you. You would oblige my father and myself very much if you would when returning me the specimens write a note

Jan. 1914 2

N. G. Ritchie Esq.

My Dear Sir.

I send you to-day our first instalment of Cameroon plants, and there will follow as I have time to get them out. As I said in my last letter we will if you desire it for Colombo College exchange you with as full a set as our supply of duplicates will admit, of Cameroon plants, and as I am starting off there I send you it will be very welcome because to collect for you many species that we have not seen or found. If however you do not desire the Cameroon species will you kindly write me to that effect, for as you no doubt know label-writing consumes not a little time and unless you will use the specimens I must not like to expose every but here I think would be of interest to you. You would oblige me if you would and especially very much if you would [illegible] them [illegible]

2

of any determinations that you think were
All the rarer species were named by
Dr. Gray or S. Watson. Before my father left
Ottawa for Vancouver Island last spring, he
had the boxes containing our duplicates
consigned to the basement of the house in
the [illegible], and a short time ago when
they were again brought into the herbarium
I found that at least half of them had
been rendered quite useless by mould and
the others more or less injured by it
so that most of the specimens I send you
that were collected before last summer
are very poor. Could I trouble you to give
me the names by which the species
on the enclosed list are now known?

Yours sincerely,
Jas. M. Macoun

14th Jan. 1888

Dear Sir

Enclosed find five specimens of Carex. These are sent for examination and comparison with Greenland specimens. Numbers one to four are referred to Carex pratensis Drejer by Prof. Bailey in his Synopsis of American Carices see Page 147.

No 1 I doubtfully refer to C. Liddonii, Boott.

No 2 Is typical Liddonii

No 3 I call pratensis Drejer

No 4 Bailey has just named pratensis I am of opinion it is neither Liddonii nor pratensis

No 5 We have not named as yet.

Please let me know at your earliest convenience the names you attach to the first four as I want to insert it in the Catalogue.

Prof. E. Warming
University
Copenhagen

Very truly yours
John Macoun

14th Jan. 1888

Dear Sir

Enclosed find four specimens of Cancer. These are sent for examination and comparison with Greenland specimens. Numbers one to four are referred to Cancer productus Oregon by Prof. Kingsley in his Synopsis of American Cancri See Page 152.

No 1 doubtfully refer to C. Edwardsii, Bell.

No 2 do Typical Edwardsii

No 3 Cal. productus Oregon

No 4 Kingsley has just named productus & am of opinion it is neither Edwardsii nor productus

No 5 We have not named as yet.

Please let me know at your earliest convenience the names you attach to the first four as I want to insert it in the Catalogue.

Yours truly
[illegible] Museum

Prof. E. Warming
University
[illegible]

Jan. 16th 7

My Dear Sir

With the carices from my father, I send you to-day also a few specimens of Canadian plants. Another package will follow next week and so on as I have time to get them out. In all we will be able to send you this year at least 1000 specim

yours Truly
Jas. M. Macoun

Prof. E. Warming
Copenhagen
Denmark.

?.

Jan. 16th

My Dear Sir

With the coins from my father, I send you to-day also a few specimens of Canadian plants. Duplicate packages will follow next week and as soon as I have time to get them out. So also we will be able to send you this year at least 1000 species.

Yours Truly

J. M. Macoun

Prof. E. Warming

Copenhagen

Denmark.

Jan. 16th 1888

My dear Burgess.

Both your letters and parcels reached me in due course. I have named and returned all today except the nine from Philadelphia. These are ballast plants and did not attempt them as I have no books to help me with them. The British Columbia plants are all familiar except the Erythronium grandiflorum var. giganteum which I have never collected except it the same as my Rocky Mountain form. I would like to have the locality of this one. It is a mountain species.

I am sorry to say you are like all my Canadian friends regarding the sending of specimens. We never get a specimen from any Canadian locality except we collect it ourselves. Indeed I can scarcely get any one to send me notes of what they find let alone the specimens. In a few years more however I will have been everywhere and collected all for myself. I have a specimen of Lilium [illegible] from [illegible]

Jan. 16th 1889

My dear Draper:

Both your letters and parcels reached me in due course. I have named and returned all today except the ones from Philadelphia. These are chiefly cultivated plants and did not attempt them as I have no books to help me with them. The British Columbia plants are all familiar except the [illegible] [illegible] [illegible] which I have named [illegible] which is the same as my [illegible] from. I would like to have the locality of this no. 84 as a [illegible] specimen.

I am sorry to say you are like all my Canadian friends regarding the locality of specimens. We never get a specimen from any Canadian locality except we ask for it [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

I [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

I have a specimen of [illegible] [illegible] [illegible]

which I obtained years ago.

The Scirpus Clintonii is all right. The Smilacina is a similar to one I gathered myself last summer. I place it between S. racemosa and Amplexicaulis but do not give it a name. I place it with S. ~~racemosa~~ amplexicaulis but with a number of points of ~~distinction~~ distinction and say that if it were found in the east I would place it with S. racemosa. Fletcher has a note on his Mount Riley specimens which I have inserted. Had I heard from you before the matter was in page form I would most certainly have put in your remarks. Have something to say in four sections.

Very truly yours
John Macoun

Thomas Burgess M.D.
Insane Asylum
Hamilton Ont.

which I returned you ago.

The [illegible] [illegible] is all right. The [illegible] is [illegible] to me, I gathered [illegible] [illegible]. I place it between [illegible] and [illegible] but do not give it a name. I place it with the [illegible] but note a number of points of [illegible] distinction and say that if it were [illegible] in the [illegible] I would place it with the [illegible]. [illegible] has a note on his [illegible] [illegible] specimens which I have [illegible]. Had I seen them before the matter was in type I would not certainly have put in your [illegible]. [illegible] to say in your [illegible].

Very truly yours
[illegible]

[illegible] [illegible] M.D.
[illegible] [illegible]
Hamilton Ont.

Jan. 17th 1888

Dear Mr. Whitton

Accept my best thanks for your kindness in sending me your paper on "The Mahabharata" I have just read it and passed it to my son. I must confess to great ignorance as I never heard of it until today.

Wishing you the compliments of the season

I remain
Very truly yours
John Mowers

H. B. Whitton Esq.
Hamilton
Ont.

Jan. 17th 1888

Dear Mr. Whitten

Accept my best thanks for your kind-
ness in sending me your paper on "The
Mahabharata" I have just read it and
found it to my joy. I must confess to
great ignorance as I never heard of it
until today.

Wishing you the compliments
of the season,

[illegible]
Very truly yours
[illegible]

H. B. Witton Jr
Hamilton
Ont

Jan 17th 1887.

My dear Sir

The parcel of pamphlets came this after-
-noon and I write at once to thank you for them.
I have just read Prof. Geikie's address where
he mentions the buried forests of Scotland and
to me it is of absorbing interest as I lecture
on our forests and their origin in two days
from now.

I send Part III of my Catalogue of
Canadian Plants and should you not have Parts
I. II I will send them when I have your [illegible]
I am busy working at Part IV and will publish
it in spring. The three parts already published
form Volume I. The three to follow will com-
plete the series.

Thanking you very much for your
kind remembrance I remain

Very truly yours
John Macoun

Prof. James W. H. Trail
Aberdeen
Scotland.

[illegible] and [illegible] points. What interesting facts they are [illegible] as I have been in the field for years [illegible]

Jan 13th 1892

My dear Sir

The parcel of pamphlets came this after-noon and I write at once to thank you for them. I have just read Prof. Geikie's address where he mentions the Scotch forests of Scotland and to me it is of absorbing interest as I believe our forests and their origin in the days [illegible].

I send Part III of my catalogue of Canadian Plants and should you not have Part I & II I will send them when I hear from you. I am busy working at Part IV and will publish it in spring. The three parts already published [illegible] Exogens. The [illegible] to follow [illegible] till the [illegible] again.

Thanking you very much for your kind remembrance I remain

Yours very truly

John Macoun

James [illegible] Esq
[illegible]
Scotland.

Jan. 17th [illegible]

My dear Sir

Your note of 13th inst. is before me. I am very glad to hear of your success and much pleased to learn that you remember some of my teachings.

Regarding the young man I may say that I am not now in connection with the surveys and personally can do nothing.

I am well acquainted with King and Kelly and may say there are no better men for his purpose in Ottawa or out of it. Personally he may succeed with them but he may not and some political influence must be brought to bear in his case if he [illegible] [illegible]. If he has some he must [illegible]

Jan. 9th 1900

My dear Sir

Your note of 13th inst. is before me. I am very glad to hear of your success and much pleased to know that you remember some of my teachings.

Regarding the young man, I may state that I am not now in connection with the company and personally that is nothing.

I have not acquainted with Fling and Mably and may say this are no better than for his purpose the Officer a. not of H. Personally he may succeed with him but he may not and there failing influence must be brought to bear in the day of his day. If he has never be mentioned

upon his personal influence with the parties to whom he applies.

Remember appointments are about as difficult to obtain as strawberries in winter but that is no reason why he should not attempt to get one. My son has been with me four years and is not appointed yet.

Very truly yours
John Warren

William Burns B.A.
Collegiate Institute
St. Catharines.

Jan. 17th 18[illegible]

My dear Professor

Your letter of 6th inst. was duly received and I have noted what you say about C. frigida and have written in today my specimens under C. atrata, Bailey. I think you are right about the other plant being a form of C. [illegible] and have I have made it C. [illegible] v. [illegible].

I am busy writing up my Carices and besides the above have been working at C. [illegible] and C. [illegible]. I am not satisfied with your arrangement as part of my specimens which you place under C. [illegible] are exactly similar to the [illegible] of [illegible] in his own herbarium [illegible] [illegible] specimens from [illegible] [illegible] [illegible] are [illegible] the same as some from [illegible] and they are not identical with my prairie and

Rocky Mountains specimens & my [illegible] specimens. I make the [illegible] but it finds one specimen I see the children [illegible]. The [illegible] specimens you thought were the [illegible] I have placed under the adults [illegible] [illegible] — you do not mention the forms in your [illegible] as I cannot tell where you place it.

This specimens I [illegible] at the place [illegible] and have reached a conclusion about the specimens you named the place inclining to [illegible]. I make it out to be the [illegible] as I have it both a young state and a pretty matured one.

These are the only points in which I do not agree with you and I would like that you would look into these points on your return. I will send you the loan of any specimens you may desire when you want anything let me know. I have a very large series of [illegible] from many points and nearly all of the forms is [illegible] in my collection.

Very truly yours
[illegible]

Prof. [illegible] Bailey
[illegible]

Jan. 23rd 1888

My dear Sir

Your note advising me of the shipping of the Indian grass made articles reached me in due course and on Friday last the box came in good order.

With this I send a P. O. order for the amount.

Towards spring I may send you a larger order. In the meantime

I remain, yours truly

John Macoun

Hugh McLaughlin & Co.

Manitowaning

Ont.

Jan. 23rd 1883

My dear Sir

Your note advising me of the shipping of the Indian fancy made articles reached me in due course and on Friday last the box came in good order.

With this I send a P.O. order for the amount.

Towards spring I may send you a large order. In the meantime I remain, yours truly

John Macoun

Hugh McLaughlin &c.
Manitowaning
Ont.

Jan. 23th 1888.

Dear Mr. Morris.

I ship today a box containing the articles mentioned in the invoice which I inclose in this letter. You will see that this is the best I could do this winter but that more articles can be procured in spring.

Today I sent a P.O. Order for the amount of the enclosed bill so that you can send me the amount of both when you receive the box.

Should you desire any other article let me know and I can have them sent next summer.

Very truly yours
John Maerss

D. Morris F.L.S.
Kew Gardens.

P.S. The box is addressed, The Director, Royal Gardens Kew, London, England.

Jan. 23rd 1888.

Dear Mr. Morris.

I ship today a box containing the articles mentioned in the invoice which I enclose in this letter. You will see that this is the best I could do this winter but other articles can be procured in spring.

Today I sent a P.O. Order for the amount of the enclosed bill so that you can send me the amount of bill when you receive the box.

Should you desire any other articles let me know and I can have them made next summer.

Very truly yours
Alfred [illegible]

D. Morris F.L.S.
Kew Gardens

P.S. The box is addressed: The Director, Royal Gardens, Kew, London, England.

23rd Jan. 1888.

My dear Mr. Bebb

I have read your letter of the 11th inst. with great interest and have noted your remarks on S. Barrattiana and Hookeriana. I am now working at the Carices and find Hooker out in his localities with regard to them and am well believe he has made mistakes in locating the Willows likewise.

My whole time is occupied this winter working up Part IV. Believe me it is a difficult business but I am over the worst as I have done with the difficult section of the Carices.

My health is of the very best and not one hour passes when I could make the slightest complaint. I hope you are as well as I am and that you can work with enjoyment.

Very truly yours
John Macoun

M. S. Bebb Esq
Rockford.

23rd Jan. 1888.

My dear Mr Bates

I have read your letter of the 11th inst. with great interest and have noted your remarks on L. [illegible] and [illegible]. I was never anything at the [illegible] and find [illegible] only in his localities with regard to them and was [illegible] before he has made mistakes in [illegible] the [illegible].

My whole time is occupied this month with Part IV. [illegible] as it is a difficult genus but I am over the worst as I have done with the difficult section of the Genus.

My health is [illegible] of the very best and not as [illegible] when I could make the slightest complaint. I hope you are as well as I am and have your own work with enjoyment.

Yours very truly
[illegible]

[illegible] Bates Esq
[illegible]

Jan. 23d 1888

Dear Mr. Stevenson

Your note of November 4th by some oversight has not been answered.

I have been ill for a long time and am very busily engaged on Part IV of my Catalogue. I collected a number of species of Fungi last summer and would be glad to send you some for the shells which you kindly offer to send me. Would Canadian stamps be any use to your son?

Very truly yours

John Macoun.

Wm. C. Stevenson Jr.

Cor. [illegible] Streets

Philadelphia

Penna.

Jan. 23rd 1888

Dear Mr. [illegible]

Your note of November 4th by some oversight has not been answered.

I have been ill for a long time and am very busy [illegible] engaged on Part IV of my Catalogue. I selected a number of [illegible] last summer and would like [illegible] for the [illegible] which you kindly offer. [illegible]

Yours truly

[illegible]

Hon. G. [illegible]

Care [illegible]

Philadelphia

Penn.

23rd Jan. 1888

Dear Sir Murie,

I see by the last numbers of the Linnean Journal that Fellows are requested to notify you if they are short of any of the published numbers.

I have not received No. 158 Vol. XXIV
No. 129 Vol. XXI
No. 149 Vol. XXII
No. 150 Vol. XXIII

Please see if these have been forwarded to me and if not kindly try and send them again and oblige

Yours faithfully
John Macoun

Dr. John Murie F.L.S.
Burlington House
London
England.

23rd Jan. 1888

Dear Dr. Murie.

I see by the last number of the Linnean Journal that Authors are requested to notify you if they are short of any of the published numbers.

I have not received No. 158 Vol. XXIV
No. 135 Vol. XXI
No. 149 Vol. XXII
No. 150 Vol. XXIII

Please see if these have been forwarded to me and if not kindly try and send them again. And oblige

Yours faithfully
John Macoun

Dr. John Murie F.L.S.
Burlington House
London England.

Jan. 24th

Dear Madam

There are still a number of plants from the Eastern United States which we require to complete our herbarium, and remembering your kindness in supplying me with a number of ferns a year or so ago I write in the hope that you may be able to assist me again. In exchange for specimens received from you I can give you rare species collected by Prof. Macoun on Vancouver Island & myself at Hudson Bay last season. If you can help me I shall send on my list of desiderata at once.

Yours truly
Jas. M. Macoun

Maria L. Owen
Springfield
Mass.

Jan. 24th

Dear Madam

There are still a number of plants from the Eastern United States which we require to complete our herbarium, and remembering your kindness in supplying me with a number of years ago I write in the hope that you may be able to assist me again. In looking over the specimens received from you I see that you sent species collected by Prof. Macoun in Vancouver Island & largely at Hudson Bay last season. If you can help me I shall send on my list of desiderata at once.

Yours truly

Jas. M. Macoun

Maria L. Owen
Springfield
Mass.

Jan. 25th

N. L. Britton Esq.

Dear Sir.

Many thanks for notes on Sparganium. I shall be able to send you a few specimens of Sparganium hyperboreum. You may expect them with my next package. At the time I collected this species last season I had not for over three weeks a day clear enough or warm enough to dry specimens, my presses were soon full and I could take but a limited number of specimens. I shall be at the same locality next season however and will secure a plentiful supply for distribution, as well as of two or three ~~new~~ new grasses. I shall be able to send you specimens of these later on as well as of the Salix Barrattiana Hook. and a few other rare things from James Bay.

Yours Truly

Jas. M. Macoun

Jan. 25 '12

[illegible] Esq.

Dear Sir:

Many thanks for note on [illegible]. I shall be able to send you a few specimens of [illegible] [illegible]. [illegible] may [illegible] [illegible] [illegible] any nest [illegible]. At the time I collected this species last season I had not [illegible] [illegible] [illegible] a [illegible] [illegible] [illegible] [illegible] to keep specimens, my [illegible] was very full and I could take but a limited number of specimens. I shall be at the same locality next season however and will secure a plentiful supply for distribution, as well as of two a [illegible] new genera. I shall be able to send you specimens of these later on as well as of three [illegible] [illegible] [illegible] and a few [illegible] [illegible] [illegible] [illegible] [illegible].

Yours truly,

Wm. M. [illegible]

Jan. 26th 8

M. S. Bebb Esq.

Dear Sir.

My father wishes me to say that he will answer your letter at length in a day or two; in the meantime I will answer as best I can your questions concerning my willow from James Bay. As well as I can remember it grows much in the same manner as the black currant of cultivation that is from two to four feet in height and forming a compact clump, indeed in general appearance the clump has just the shape of a currant bush in a garden. The South Twin Island rises from 50 to 100 ft above the sea and the specimens on the only sheet I collected were taken from two different plants one about half a mile the other about two miles inland. The surface of the island is peaty and much broken by small ponds and beside

P.S. On the sheet sent you for mounting I find the very specimen enclosed which must be S. [illegible]. Do you not think so? although I had it with S. Barrattiana as you first named it. You need not return it as I have the other specimen also.

[illegible signature]

when we rested in question grove in company with Dr Acton(?). At the time I was on the South Downs(?) we had not had for nearly three weeks a day warm enough & dry enough to permit of my changing the paper in my presses and they were at this time full and I had to throw away several sheets of specimens in order to make room for these [illegible] at this place. Next year I hope to be able to secure many specimens of this species and some new grasses I collected at the same place. I will send you by to-day's mail about few specimens I have of S. Macounii (?) and ~~[illegible]~~ they may be of some assistance to you in the determination of the species.

Fortunately there is one smaller specimen which ~~[illegible]~~ will show you better than I can tell you the ~~[illegible]~~ position of the awns(?). I shall keep a good look out for this species next year and have no doubt that I shall be able to secure all the specimens [illegible] from [illegible].

Ottawa Jan 27th 1884.

Mademoiselle.

I have sent you by mail to-day a small package containing about fifty species of Canadian plants. Kindly advise me of the safe arrival and another package will be at once sent you. I have chosen specimens of the smaller species on account of the greater convenience of mailing. Trusting that among the specimens you will find some that will interest you I remain

Sincerely yours
Jas. M. Macoun.

Mlle Rosa Masson
Lausanne

Ottawa June 23rd 1888.

Mademoiselle.

I have sent you by mail to-day a small package containing about fifty species of Canadian plants, kindly advise me of the safe arrival and another package will be at once sent you. I have chosen specimens of the smaller species on account of the greater convenience of mailing. Trusting that among the specimens you will find some that will interest you I remain

Sincerely yours

Jas. M. Macoun.

Mlle Rosa Masson

Lausanne

Ottawa Jan. 2nd 1885

My dear Sir,

I have sent you to-day a small package of Canadian plants which trust will reach you in safety. Kindly inform me of its safe arrival and others will at once be mailed you. Should you either in this package or any that may follow notice specimens incorrectly named would oblige me very much by making such corrections as you deem necessary

Yours truly
Jas. M. Macoun

Dr Conrad Kindberg
Linköping
Sweden.

Jan. 31st 1887

My dear Sir

Your note has been here for some time but was laid aside while I looked up the matter you asked about and was forgotten.

Nearly 30 years ago I collected a number of Equisetums in the neighborhood of Belleville Ont. and sent them to Sir William Hooker at Kew. I believed all I sent to be E. limosum but he wrote me that one of them was E. littorale Kuhl. It was on this specimen that Milde made his statement. Since then I have found it on Flat Rock Portage, Lake Nipigon, north of Lake Superior. My original specimens were obtained nearly due north of Oswego.

Since I wrote you about the Equisetums I opened up communication with Mr. Rosser of Manchester, England and he is now engaged on a paper on all the Canadian Equisetums

June 27th 1887

My dear Sir

Your note has been here for some time but was laid aside while I looked up the matter you asked about and was forgotten.

Nearly 30 years ago I collected a number of specimens in the neighborhood of Belleville Ont. and sent them to Sir William Hooker at Kew. I believed as I sent it to be [illegible] but he wrote me that one of them was [illegible] Hook. It was on the specimens that [illegible] made [illegible]. Since then I have found it [illegible] [illegible], [illegible], north of Lake Superior. My original specimens were obtained nearly due north of Oswego. Since I wrote you about the [illegible] I opened up correspondence with Mr. [illegible] of Manchester, England and he is now engaged on a paper on all the Canadian [illegible]

which will be published very shortly. He writes me there are numerous interesting things besides new species. The latter we will have figured. I have made numerous collecting visits the last four years and all these have been submitted to him. As soon as the article is printed I will send you a copy. The Mosses are being put straight and in two years I have added over two thousand 60 species to the Dominion Herbarium Mosses. Nearly 40 of these are new to science. Dr. Brotherus of Helsingfors is working at them.

For the above reasons I will not trouble you more with our Hepaticae but may do so later on. As you are our authority on Lichens I send with this a few forms collected last summer on Vancouver Island. Would you kindly name them and send the name and number of each lichen and keep the specimens. In a few weeks I will send some Equisetums and a Marsilia for your opinion. I am engaged on [illegible] on

of my Catalogue and as it will include the ferns and their allies I will submit the doubtful things to you.

Very truly yours
John Macoun

Prof L. M. Underwood
Syracuse University
New York.

Jan. 31st [illegible]

My dear Sir

Another year has passed and again I have to trouble you about the notes.

Please bring the notes to [illegible] and either get the note settled or advise me what to do. As I said last year I have no desire to push the collection to the injury of any one but I am afraid nothing but harsh means will suffice. A year's interest is now over due on this. I hope to get from you by return mail. As you have acted honestly in the matter up to now I will take the liberty to ask you if pressure from me would make any of the others move.

Very truly yours
John [illegible]

A. L. McMahon Esq.
[illegible]
Ind.

Jan 21st 1888

My dear Sir

Another year has passed and again I have to trouble you about the note.

Please bring the matter to time and either get the note settled or advise me what to do.

As I said last year I have no doubt of your [illegible] [illegible] [illegible] I am afraid nothing but [illegible] [illegible] [illegible]. As years go on [illegible] I hope to get from you by return mail. As you have [illegible] [illegible] in the month of [illegible] I [illegible] [illegible] [illegible] and ask you to [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Very truly yours

[illegible]

E. L. [illegible] Esq

[illegible]

Ind.

Jan. [illegible] 18[illegible]

Dear Mr. [illegible]

I am glad to receive your note and learn you are well. It seems such a short time since you were in Belleville and yet I know [illegible] you have passed since then. I may be in Toronto in spring but should I not be so, remember I live in Ottawa every winter and will be glad to see you.

I am sorry I cannot call to mind the [illegible] you mean but [illegible] you have [illegible] [illegible] a [illegible]. Tell me what it is like and [illegible] [illegible] a [illegible] and I will [illegible] what you are after. Do you think you can [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Rev. [illegible]
138 [illegible]
[illegible]

[illegible]
[illegible]

Jan. 23rd 1888

Dear Mr. Gardiner

I am glad to receive your note and learn you are well. It seems such a short time since you were in Paterson and yet I suppose nine years have passed since then. I [illegible] the Friends [illegible] [illegible], remember [illegible] [illegible]

and say I'm glad to see you.

I am sorry I [illegible]

[illegible]

[illegible]

Jan. 21st 1889

My dear Professor

As I know your mind regarding the cata-
-logue we will let the matter be over until my
spring arrangements are made. We will then see
what can be done.

I have a large [illegible] of your plants [illegible]
including the Astragalus and many other valuable
things. I have all your grasses and Carices and
many others. I have just finished the Carices and
[illegible] return you everything now [illegible]
[illegible] without you want the specimens we keep
[illegible] until I have the grasses written up. I have had
a heavy contract writing up the Carices but have
them finished now. I have placed your [illegible]
under [illegible] and not under [illegible]
[illegible]
[illegible] and [illegible]

Yours [illegible]
John Macoun

[illegible] Prof. Fowler
Queen's Coll.
Kingston

Java [illegible] 1888

My dear Professor

As I [illegible] your mind regarding [illegible]-ing me not let the matter be [illegible] my [illegible] arrangements are made. [illegible] what can be done.

I have a large parcel of your plants [illegible] including the [illegible] and many other [illegible] things. I have all your ferns and [illegible] many others. I have just finished the [illegible] [illegible] everything [illegible] [illegible] [illegible]

[illegible]

Ottawa Feb 1st 1888

Prof. D. N. St. Cyr. F.R.S.C.
Dept. Public Instruction
Quebec
My Dear Sir,

I send you to-day our first contribution to your herbarium in connection with the Dept. of Public Instruction, a package containing one hundred species principally from the N.W.T. and B.C., more will follow shortly. Trusting that you will find something of interest I am

Yours very truly,
Jas. M. Macoun
Assist. Botanist.

Ottawa Feb. 1st 1888.

My dear Sir.

By express today I have sent to your address at McGill College a box containing another hundred species for your herbarium and the cones you so kindly sent us. My father wishes me to thank you for them and to say that they were of great assistance to him in many ways as you gave some species that are not represented in our herbarium here.

Yours truly
J. M. Macoun

D. P. Penhallow
McGill College
Montreal.

has been received, or new specimens sent, the
Canada should at least have the credit of forming
the species under consideration. You would hardly
believe that it sometimes happens that a new
species is described and no localities given and
Canada not mentioned at all, when the writer
has at the very time of writing specimens from
two or three Canadian localities. It is not a pleasant
thing [illegible] and neither of us care
matter with us at all
whether "Macoun" is ever mentioned at all
but it is only fair that where we supply
specimens, the country and the particular locality
from which they come should be mentioned.
As for the new [illegible], you may name it
whatever you wish of course, for my own part I
think it better when possible to give a new
species the name which best distinguishes
it from those allied to it, but if you prefer
naming it in my honour I should prefer Macounianus
to Macounii. Vasey and Watson distinguished between
my father and myself in that way.

Yours truly
Jno. M. Macoun.

P.S. My only idea in making the above [illegible]
[illegible]
[illegible] species I may have found [illegible]
to describe new [illegible].

[illegible] any credit [illegible] is given here for the work he has done. Not infrequently has a new species been found in Canada, sent to a specialist and placed provisionally with a well known species and where some years afterward the same species has been found in the U.S. [illegible] specimens are [illegible] in with the latter specimens and the species is named after the later collector in entire disregard of the fact that it was collected in Canada. This has [illegible] years before in [illegible] many times. All [illegible] not once but [illegible] herbarium sheets) [illegible] material (duplicates and [illegible] of anyone who [illegible] always been at the disposal [illegible] times when [illegible] and several [illegible] specimens [illegible] made [illegible] and it has been [illegible] been sent the [illegible] fact that the plant but rarely [illegible] has received no [illegible] in many cases [illegible] for determination [illegible] specimens [illegible] as you have done. [illegible] a [illegible] at [illegible] a [illegible] a [illegible] time [illegible]

Ottawa Feb. 2nd 1885

My Dear Mr. Bebb.

Thanks for your additional note on the new willow. I certainly prefer ~~[illegible]~~ the description of my find should come from you and in my paper (which would be a mere modest one) on the flora of [illegible] they will simply mention it as a new species in the way you suggest. I shall avail myself of this opportunity too of thanking you in my own and my father's behalf for the very material assistance you have always given us. You could form no idea of how grateful we are for even the slightest recognition from American specialists; my father has for many years been collecting new and valuable material which he invariably has sent to the leading botanists in the U.S. and with the exception of yourself and Dr. Vasey, it is but seldom

Feb. 8th 1888

Dear Prof. Peck:

I was delighted to receive the other day the Thirty-ninth Annual Report of the State Museum and Bulletin No. 2 of Vol. I., 1887. For some time I had believed that you had given up work on your old studies owing to ill health but the receipt of these publications has showed me otherwise.

During the last three years I have been busy as usual but in 1885 I was in the Rocky Mountains in 1886 in England and last summer on Vancouver Island. The collections of fungi made in 1885 & 1887 have been submitted to Mr. Ellis and named by him but I have duplicates of most of them and would be pleased to send them to you. This spring I will be here until the middle of June and hope to collect many of the fleshy fungi which I would send to you fresh. Later in the season I expect to be in the eastern provinces and would many

Feb 8th 1888

Dear Prof. Clark:

I was delighted to receive the notice of the Thirty-eighth Annual Report of the State Museum and Bulletin No. 1 of Vol. I. N.Y. [illegible] I had noticed that you had given my [illegible] [illegible] [illegible] [illegible] [illegible] of other [illegible] [illegible] [illegible].

Concerning the last thing, "[illegible]," I have been long [illegible] [illegible] in 1885 I was in the [illegible] [illegible] in 1886 in England and last summer in Ireland. The collection of fungi made in 1885 & 1887 has been [illegible] [illegible] and [illegible] by him but I have duplicates of most of them and would be pleased to send them to you. This spring I will be here until the middle of June and try to collect many of the [illegible] fungi which I would send to you fresh. Late in the season I expect to be in the northern [illegible] and [illegible]

hand from others I would be. I do not write to trouble you but if you wished it I could send you many interesting things no doubt.

I was very sorry to learn the death of Prof. Gray. He has been in the field for many years and has moulded the botanical thought of [illegible] during the last fifty years.

Wishing you many years of health and working power

I remain

Very sincerely yours

John Macoun

Prof. Chas. H. Peck
Albany
New York.

[illegible]

[illegible]

you many interesting things [illegible]

[illegible]

[illegible]

many years [illegible]

[illegible]

years

Wishing you many years [illegible]

health and [illegible]

I remain

Very sincerely yours

[illegible]

Prof. [illegible]

College

New York

Feb. 9th [illegible]

My dear Sir

Your note and the bills came a few days since and I thank you most heartily for your kindness. Nothing is said about me sending you any Franks but as soon as I can get at them I will send you a few [illegible] in post [illegible].

Please [illegible] your son the few stamps and and expect me to lay aside for him as my [illegible] of [illegible] stamps as they come in. I have numerous correspondents [illegible] now.

Very sincerely yours
John Murray

Wm. [illegible] [illegible] Esq.
Corner of [illegible] & [illegible] Streets
Philadelphia

Oct 3rd 1899.

My dear Sir

Your note with the bill came this morning and I thank you most heartily for your kindness. Nothing is said about me making you any charge; but as soon as I can get at them I will send you a few more [illegible] of past years.

Please, if you see fit, [illegible] and charge me the bill for this as my [illegible]

[illegible]

Very sincerely yours
John [illegible]

Wm [illegible] Esq.
[illegible]
Philadelphia

Feb. 6th 1858.

My dear Sir

Your pack and card came in due time

And yesterday the other pack from W. J[illegible].

At present I am very busy writing up Part IV of my Catalogue and cannot examine the [illegible] of yours received just now before my duty on me during or before spring. As soon as spring comes take my advice and commence collecting all kinds of Cryptogams and put them up as these are that I send. Put up two packets of the same species putting a number on one each packet. Keep one and send the other to me I will report by number so that any change that may be made in the future will apply to your numbers. By following this plan you will soon have a complete series of your Cryptogams and I will know what you have for Part [illegible]

Very truly yours
[illegible]

Mr. J[illegible]
[illegible], [illegible]

P. S. Your letter of Jan 10th is here also and shows I [illegible] [illegible] [illegible] [illegible] your numbers. Part [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Feb. 2nd 1888.

Dear Sir

Your favor and check came in due time and yesterday the other favor from W. Johnson.

At present I am very busy working at Cost. No 1 and Catalogue and cannot undertake the commission. If you [illegible] just now [illegible] [illegible] me doing [illegible] [illegible]. [illegible] spring [illegible] take my whole [illegible] collecting all kinds of [illegible] [illegible] on the [illegible] Cost. No [illegible] of the [illegible] [illegible] a number [illegible] each [illegible]. They are [illegible] [illegible] I would refuse [illegible] remember [illegible] any [illegible] that may be [illegible] in that [illegible] [illegible] your numbers. By [illegible] the [illegible] you will [illegible] have a [illegible] of your [illegible] and I will know what you [illegible]. [illegible]

Very truly yours

John Thomas

Mr. J. [illegible] [illegible] [illegible] N.H.

Feb. 8th 1880

My dear Boyer

Your letter and the frame containing the two beautiful specimens came duly to hand. Please accept my very best thanks for both.

In your note you have struck the letter of my note but not the spirit. I did not write in a line of fugue but of sadness. Here I am laboring away and trying to get our botany put in shape and instead of being offered assistance I cannot even beg it out of my friends. I did not mean that I ought to get specimens but I did mean that I ought to have had the privilege of seeing the specimens [illegible] of specialties are considering [illegible] [illegible] flora. Take your own case I did not even know where Point Arena was until I chanced to think that you be [illegible] [illegible] could not be found at [illegible] the [illegible]. You certainly [illegible] have a right to do what you choose with

Oct 9th 1888

My dear [illegible]

Your letter and the [illegible] containing the three beautiful specimens came duly to hand. Please accept my very best thanks for them.

In your note you have alluded to the [illegible] of my note but not its spirit. I did not write in a tone of [illegible] but of sadness. Here I have been labouring away and trying to get my [illegible] just in shape and instead of being offered assistance I learned [illegible] of my [illegible] I did not mean that I ought to get specimens but I did mean that I ought to have had the privilege of seeing the specimens [illegible] of showing the [illegible] one [illegible]. [illegible] you may see I did not even know where [illegible] was. [illegible] I [illegible] to think that you [illegible] [illegible] and [illegible] the [illegible]. You [illegible] [illegible] a [illegible] to ask what you [illegible] [illegible]

the marking you mention but I did think that I had an honorary right to any additions that were made. As regards the naming of specimens I do not care for them as nearly all our species are represented in our herbarium, by my own work and should I live a few years more all will be there. I merely return the specimens of [illegible] [illegible] if I did not expect you too highly to return it in a [illegible] with the numerous labels we have you would think that I wanted your specimens. Read my letter again and see what the spirit of it is and not the letter.

Remember I only [illegible] this specimen in charge as Dr. [illegible] collected the same species [illegible] years ago and we have his in the collection and the [illegible] after night I will get a stroke.

Any additional notes we have are in order as I have finished them and they will soon take the [illegible]. If you have any [illegible] or [illegible] which you consider doubtful send to the [illegible] and [illegible].

E. Rogers M.C. Very truly [illegible]
Hamilton Ont. John [illegible]

Feb. 1st 1888

Dear Mr. Ingersoll.

Your note of the 30th January is before me. In answer to your queries I would say (1) Read my two chapters on climate in my "[illegible]". (2) Read Blodgett's Climatology — a most valuable book on western climate. (3) And my article on climate in the Canadian Journal of [illegible], published in Vol. X Third Series 1882-3.

These will give you all I know about the climate and may enable you to straighten out your ideas. You are aware that as the change [illegible] to originate on the high plateau which I [illegible] the "American Desert". My impression is that the cold or Arctic wave is a down flow of cold air on the high plateaus [illegible] caused by a low barometric pressure to the south east. This wind as it descends to the south east increases in energy owing to the descent of moisture and hence the Arctic blizzards. In one matter [illegible] there is nothing to flow away to the winds [illegible]

air is almost without moisture and hence it cannot get [illegible] a [illegible].

While in the north in Sept. 1876 I found the first frost in Lat. 68° on the night of Sept 10th. Strange to say on the night of the 8th the frost struck Fort [illegible] 500 miles to the south and on the night of the 12th Fort Simpson in Lat. 62°. This showed conclusively to me that the cold was actually propagated [illegible] instead of from north to south as [illegible]. Hence our north west [illegible] but does not make the weather. The conditions are found on the Dominion Record for every [illegible] north and [illegible] By getting the Meteorological Report for 1876 you will see the two statements about [illegible] and Fort Simpson.

After reaching the [illegible] mentioned [illegible] from [illegible] and [illegible] ..

Very truly yours
John Macoun

[illegible] Esq
Montreal

Ottawa Feb. 2nd 1888

My Dear Sir

I have sent you today by mail another hundred of Canadian plants. In this package I have included no common Eastern species but send everything we have from the prairie region westward. If I am still sending specimens too common to be of value, kindly tell me where to draw the line. We wish to send you everything we have that will be of the slightest value or interest to you. Our duplicates are kept in boxes and insects will get among them no matter what we do. Can you tell me a good preventative. In looking over our specimens if you find any you think incorrectly named we will feel greatly obliged if you will send a note of any changes you may make.

Yours Truly
Jas. M. Macoun

N. L. Britton
Columbia College
N.Y.

Ottawa Feb. 2nd 1888

Dear Madam

Many thanks for your prompt reply to my letter and promise to assist me as far as you are able. To make quite sure I shall as soon as I have time send you a package of plants in exchange for which you may give me what you have of our desiderata. I shall be glad if you will afterwards hand our list to one of your botanical friends. Do not hurry about sending me a package but wait until you can send everything in one package. The list I send you may stand until next autumn, the species before which a mark of any kind is placed are those we have [illegible] the others are wanted.

[illegible] Prof. Macoun's Catalogue of Canadian Plants, if not I shall be pleased to send it to you or any of your friends

Yours
J

Mrs. Maria L. Owen.
Springfield
Mass.

Ottawa Feb 3rd 1888

Prof. Penhallow
McGill College
Dear Sir.

I enclose the first 3 sheets of Part III of my fathers Catalogue and will send the others to you as they are struck off. Will you kindly mark the species you have in your herbarium and return the sheets. I am going to begin the distribution of our duplicates and cannot wait until the whole of Catalogue ~~too~~ is complete but will do so by Express.

Yours truly
Jas. M. Macoun.

[illegible]

Prof. [illegible]
[illegible] College
Dear Sir.

I received the first
[illegible] sheets of Part [illegible] of my [illegible] Catalogue and
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Yours truly
[illegible]

Feb. 9th 1888

My dear Sir

Your note of a late date reached me in due time as also did the two pamphlets which you so kindly sent.

I was glad the specimens sent fixed the stability of R. Sayi. We now know that it crosses from east to west in our northern flora.

Next season we will keep you in mind and collect all our eastern forms.

Very sincerely yours
John Macoun

Prof. François Crépin
Director Botanic Garden
Brussels, Rue de la Association No. 37
Belgium

Feb. 9th 1888

My dear Sir

Your note of a late date reached me at the time as also did the pamphlets which you so kindly sent.

I was glad the specimens that fixed the identity of Mr. Lloyd's. We now know what it [illegible] from east & west is no mistake [illegible]

Next season we will keep you in mind and collect all our native forms.

Very sincerely yours
John Macoun

Prof. François Crépin
Director Botanic Garden
Brussels, Rue de l'Association No 31
Belgium

Feb. 8th 1858

Dear Prof. Bailey

Your letter of Jan. 28th was received in due time and I thank you very much for the notes and suggestions contained in it. You are quite right about the figure of [illegible] being unlike my [illegible] specimens and I think with you they are not the same as the one figured. At the same time I am not satisfied they are [illegible].

Since I wrote last I have about completed my catalogueing of the [illegible] species of [illegible]. I have had a difficult job but have [illegible] myself. I had a hard time with C. [illegible], [illegible] and ~~[illegible]~~ [illegible]. With the former I place Prof. [illegible]'s specimens and ~~[illegible]~~ [illegible]'s Maine specimens. With C. [illegible] I place my own specimens from Lake [illegible] ([illegible]) mine from [illegible] and [illegible]'s large specimens from Maine. C. [illegible] [illegible] the [illegible] specimens.

I will send further notes later but would like to hear from you about any species you may make notes upon. Besides the species of the [illegible] you thought might be new I have two others one with androgynous spikes like [illegible] and another from the interior like [illegible].

In all I have about 180 species all told. I follow you fairly closely as regards species but not your arrangement. I left [illegible] to William [illegible] [illegible] B.C. California.

When you write let me know about any species you desire to see and I will send them down to you. I have sent the various specimens referred to be peculiar to [illegible] so that he might compare them with [illegible] specimens

Very truly yours
John Macoun

Prof. L. H. Bailey
Agric. College
Lansing

Ottawa Ont. Feb. 2d 1888

Dear Sir,

If you will send me a copy of the Duplicates of the Herbarium of the Dept. of Agriculture I may be able to furnish you with some of the species you want.

Yours truly
Jas. M. Macoun
Assist. Botanist.

Commissioner of Agriculture
Washington D.C.

Feb. 4th 1880

My dear Sir

I am sorry to have delayed so long in sending you the money but our Treasurer was sick and I could do nothing until his return.

Please [illegible] receipt of this and send a duplicate account as we want all bills in duplicate.

Next season remember me as we desire to get your new things.

Very truly yours
John Macoun

Thomas Howell Esq
Arthur
Oregon

Feb. 4th 1888

My dear Sir

I am sorry to have delayed so long in remitting you the money but [illegible] was such that I could [illegible] until the [illegible].

Please on receipt of this send a duplicate statement as we cannot [illegible] bills in duplicate.

[illegible] remember me to all [illegible] things.

Very truly yours

John [illegible]

Thomas Hewitt Esq

Cashier

Oregon

Feb. 6th 1888

My dear Sir

Your note of the 1st inst. has just reached me. No. 4 I had already placed as [illegible] and I have now separated [illegible] from [illegible].

I am quite sure you are right about No. 20. I have compared it with Boott's figure and fully agree with your determination. In my letter of yesterday I made some remarks about C. [illegible]. I now believe that my prairie species is neither C. Richardsonii nor C. pedunculata. Please carefully examine Laing's specimens from Lake Superior and see if they do not materially differ from the prairie form which you believe is the same.

I would like very much to publish the descriptions of the new varieties and I hope species when you decide on what I now send and

Feb 4th 1888

My dear Sir

Your note of the [illegible] inst has just reached

me. As I had already placed an [illegible]

I have now [illegible] to write to Mr Thomas' [illegible]

[illegible].

I am quite sure you are right about these

I have compared it with [illegible] figures and fully

agree with your determination. In my letter of

yesterday I made some remarks about the position.

I now believe that my present species is another

[illegible] [illegible] [illegible]. [illegible] [illegible]

[illegible] having 2 specimens from [illegible] [illegible]

and as if they are not markedly different from

the species previously [illegible] you believe it the same.

I would like very much to [illegible] the

collection of the [illegible] [illegible] and I hope that

when you decide on what I have done and

any notes you may choose to make on any
of the specimens you have had from me at any
time. All notes furnished by you will appear
as yours. The printers have reached the [illegible]
so we will have to be quick with the earlier part.
As I indicated in my letter of yesterday you will
know my arrangement.

You are quite right about No. 10.
It was my Rocky Mountain specimen of C.
pauciflora I note.

Today I send all of [illegible]
[illegible] and [illegible] the [illegible] and the [illegible]
[illegible] I cannot make them out so hope you can
do something with them.

I have [illegible] and [illegible]
from the [illegible].

Hoping to hear from you again
I am very truly yours
John Macoun

To L. H. Bailey
[illegible]
[illegible]

very well you may state it [illegible] any-
body the specimens you have had from me at any
time, but make [illegible] of my new systems
or growth. The points here touched [illegible]
or are such as to be points with the [illegible]
I indicated in my letter of yesterday you will
know my arrangement.
You are quite right about No. 10.
It was my lucky [illegible] specimen of C.
[illegible] I [illegible].
Today I send [illegible] [illegible]
[illegible] and [illegible] the [illegible] and the [illegible]
[illegible] I [illegible] [illegible] not [illegible] you [illegible]
do something with them.
[illegible] I [illegible] [illegible] [illegible]
[illegible] [illegible] the [illegible].
Hoping to hear from you again
[illegible] I am truly yours
[illegible]
[illegible]
[illegible]

Feb. 9th 1886

Prof. John M. Coulter

Dear Sir

Yours of Jan. 21st was duly received. I am very glad my plants were interesting. During the past summer I was on the lookout for all kinds of Umbelliferae and am quite sure that I overlooked no species in the district examined. As I only explored only a portion of the island it does not follow that the Angelica arguta may not exist there. I was only a few days on the west coast and expect many fine species will yet be obtained there.

Very truly yours

John Macoun

Crawfordsville
Indiana

Feb. 9th 1888

Prof. John M. Coulter

Dear Sir

Your note of Jan. 31st came duly received. I am very glad my plants were interesting. During the past summer I was on the lookout for no kind of Umbellifers and am quite sure that I would have no species in the district examined. As I only explored only a portion of the island it does not follow that the Angelica arguta may not be there. I was only a few days on the west coast and noticed many fine species not yet to be obtained there.

Very truly yours

John Macoun

Crawfordsville

Indiana

Feb. 9th 1888

My dear Sir,

Your parcel of specimens came safely and I thank you very much for the fine specimens of Heleocharis Robbinsii and Scirpus Clintonii which are quite correct. The Carices are wrong in so far as both C. digitata and [illegible] are both pedunculata. C. Pennsylvanica is correctly named.

I am now at the grasses and hope to get through before the snow is off.

Very truly yours
John Macoun

James Vroom Esq.
St. Stephen
N.B.

Feb. 9th 1888

My dear Sir,

Your parcel of specimens came safely and I thank you very much for the fine specimens of [illegible] [illegible] and [illegible] [illegible] which are quite new. The crystals are many of them as fine as both the [illegible] and [illegible] are both [illegible]. [illegible] is certainly new.

I am now at the [illegible] and hope to get through before the [illegible] is up.

Very truly yours
John [illegible]

James [illegible] Esq.
[illegible]
N.B.

Feb. 9th 1888

Dear Mr Robinson,

Your admirable paper on Forestry and Arboriculture came to hand a few days since and I have read it with much interest. Very soon we will have to pay more attention to our forests and these such papers as yours will be made to do good service in the cause of forest preservation.

Part IV of my Catalogue will be out this spring when I shall send you a copy.

Very truly yours

John Macoun

J. H. Robinson Esq.

Salem

Mass.

Oct 9th 1888

Dear Mr Robinson

Your admirable paper Ancestry and Determination came to hand a few days since and I have read it with much interest. Very sorry we will have to pay more attention to facts and theory with papers as yours made to make the great strides in the cause of [illegible] [illegible].

Part IV of my Catalogue will be out this spring when I shall send you a copy.

Very truly yours
John Marsden

J.H. Robinson Esq.
Salem
Mass.

Ottawa Feby 9th 1888

Prof. D. N. St. Cyr.
Dept. Public Instruction
Quebec.

Dear Sir.

Your letter acknowledging the receipt of our first package of plants reached me yesterday and the report of your trip to the Labrador coast has just been handed to me. My father who is very busy desires me to thank you for the copy you have so kindly sent him and for your very flattering reference to his work. He desires me also to say to you that the preparation of the MS. for part IV of his Catalogue occupies so much of his time that he will be unable to examine your mosses for some time to come but that he will do so before spring.

Yours truly
Jas. M. Macoun.

Ottawa July 9th 1888

[illegible]
Supt. Public Instruction.
Quebec.

Dear Sir.

Your letter acknow-
ledging the receipt of our first parcel of plants
[illegible] and the report of your trip
[illegible]
me. Many plants which I very much desire [illegible]
[illegible]
[illegible] your very flattering reference
to his work. [illegible]
[illegible] Part VI [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Yours truly
Jas. M. Macoun.

Feb. 9th 1899

My dear Sir,

Your note of Jan. 13th has reached me and in reply may state that I am very glad to learn that you have made some progress in your intended undertaking. I answer your questions as below.

(1) I was in the mountains from early in June to the last of August and [illegible] the last half of July and first half of August as the best time for the Selkirks.

(2) The Glaciers in the Rockies are away from the track and would require pack horses and a camp outfit. On the other hand the glaciers of the Selkirks are close to the railway and two or three hours walking from the Glacier Hotel will take you to the Great Glacier which is just above the Hotel. There is an excellent accommodation here and there are snowfields and glaciers all around so that provisions and

Oct 9th 1888

My dear Sir,

Your note of June 13th has reached me and in reply may state that I am very glad to learn that you have made some progress in your intended undertaking. I answer your questions as below.

(1) I was in the mountains from early in June to the last of August and [illegible] the latter of July and first half of August is the best time for the Selkirks.

(2) The Glacier in the Selkirks is easy from the Hotel and around is [illegible] foot here and a rough [illegible]. On the other hand the glaciers of the Selkirks are close to the railway and [illegible] are found nothing [illegible] from the Glacier Hotel one sees [illegible] the Great Glacier which is just above the Hotel. There is no hotel accommodation here and there are [illegible] and glaciers as [illegible] that [illegible]

other necessaries can be taken up, on men's backs as you can if desirous of making an extended excursion, come down to Calgary and procure pack horses or whatever else you may need.

(2) You scarcely need a map to consult before you come out as you can form no proper idea of the region from a map. As I have said above the Glacier House at the summit of the Selkirks is your proper destination and here you can easily journey for a month if you desire to do so. The best map of the region does not include the Selkirks so that if you have any maps you will be well enough supplied. When you are advised to go over these passes once altogether inaccessible and had never been explored, now there is no difficulty in going anywhere along the Railway but a day's journey away from it if you are not above the track is like what your Cousins will tell you about.

(3) You will in by any means be too old that nothing

has ever been written about the Selkirks as our Geological surveys only include the outer ranges of the Rocky Mountains. My explorations of 1885 gave me a knowledge of the flora and fauna but no other person knows anything about them. The flora is published in part but the fauna not yet. I may say however that I know the greater number of the birds and beasts in the district in question. Bears of two or three species are numerous and you may shoot a Mountain sheep or goat but you may spend the whole season in the mountains and never see one.

(5) Should you want men you can get them at almost any point for four or five shillings a day and board. I would advise you however to get no men, nor horses nor planes until you go to the summit of the Selkirks and spend a couple of days looking about you. After that if you are like a Canadian you can make up your plans in a very short time. Get a pass on the railway and bother about nothing

has ever been written about the [illegible] as one
[illegible] my mistake the entire [illegible]
of the [illegible] Transcription. My explanation of 1886
gave me a knowledge of the plan and purpose but
no other person knows anything about them.
The plan is published in part but the purpose not
yet. I may say however that I know the greater
number of the third and fourth in the [illegible] in
question. [illegible] a [illegible]
and you may [illegible] about a Transcription [illegible]
but you may [illegible] the [illegible]
and [illegible] not.
(5) Should you [illegible] ever you [illegible] get time to
visit any [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

else. I have done a good deal of exploring in my time and have learned to face the difficulty first and thus overcome it. In reality there are none in our mountains except you attempt to get a hundred miles away from the railway. Should you doubt this you would make a costly failure of it.

Mr. [illegible] may remember when he traveled on the "Old Road" along Beaver Creek and then turned up Bear Creek and stopped at a camp on the summit before he began to descend to the west. If he had his eyes open when about a mile from the summit he saw an enormous glacier off to his left. Under that glacier is the Glacier Hotel.

Get the passes and come out and expect easy success and a delightful time.

Very truly yours
John Macoun

Rev. W. Green
Carrigaline
Co. Cork
Ireland

P.S. Call here on your way out and get maps & pamphlets which will be of service by that time.
J. M.

Feb. 9th 1888

Dear Mr. Watson,

Since I wrote last Dr. Gray has passed away and as I suppose his mantle has fallen to you I send another instalment of my difficulties lately collected plants.

I would be glad if you would look over the parcel, now sent, as soon as convenient as I want to place the species in my herbarium with the proper name on the label. The Genera Lupinus and Epilobiums are my weak points.

I have worked over my plants collected last year up to Rubus and send you the chief difficulties now and the balance later on.

Hoping to hear that the Polypetalae will soon be in shape I remain as ever

Yours very sincerely

John Macoun

Sereno Watson
Herbarium
Cambridge
Mass.

Oct 9th 1888

Dear Mr. Watson

Since I wrote that Dr. Gray has passed away and as I suppose his mantle has passed to you I send another instalment of my Affiliation study certain plants.

I would be glad if you would look over the proofs, more [illegible] as [illegible] as I want to follow the spelling of my Herbarium with the proper names on the labels. The others Cyperus and [illegible] are my weak points.

I have worked over my plant collecting last year up to Alaska and send you the only [illegible] and the [illegible] [illegible]

hoping to hear that the [illegible] will now be alright I remain as ever

Yours very sincerely
Thos Meehan

Mr. S. Watson
Herbarium
Cambridge
Mass.

Feb. 9th 1888

My dear Sir

Your note of January 6th was duly received but unfortunately was laid aside until now. The L. [illegible] is an addition to the flora and in the Part I am now writing will appear in the addenda which will [illegible] all the species added to the three parts already published. The other plant is one that is [illegible] along the railway and is now taking to itself. It is Amarantus albus [illegible].

I am getting along well with Part IV and hope to publish it before June.

Very truly yours,
John [illegible]

Mr. Robert Elliott
Olive Mills
Ind.

22 Feby 1900

My dear Sir

Your note of January 6th was duly received but unfortunately was laid aside [illegible] never. The A. [illegible] is an admirable [illegible] form and in the plant I was not willing [illegible] appear in the addendum which will [illegible] in the [illegible] of the New [illegible] already published. The only plant to me that is interesting [illegible] along the railway and is more likely [illegible]. It is [illegible] [illegible]. I am getting along and will [illegible] hope to [illegible] it before June.

Yours truly
John Macoun

Mr Robert Elliott
Plover Mills
Ont.

Feb. 9th 1880

My dear Sir

Your letter with the list of [illegible]
[illegible] was duly received and a card of [illegible]
together with the [illegible] containing the [illegible]
[illegible] which reached me yesterday.

The price of the [illegible] will be [illegible] dollars
of our money. I am still waiting for the [illegible].
Would you kindly write out a list of the names of the
plants enumerated on the two cards sent in [illegible]
part of January. I have lost the [illegible] one.

Please tell Dr. [illegible] that I will be obliged
to furnish him with a set of my [illegible]
have to wait some time as I am extremely [illegible]
[illegible] with [illegible] of my Catalogue. We have sent
[illegible] specimens of flowering plants to your address [illegible]
[illegible] as we know that you have received them [illegible]
[illegible] and fifty more. When I get a few [illegible]
[illegible] I will send you some more [illegible]

too busy at present. As soon as I get the edition of the Catalogue off my mind I will commence in earnest the study and collecting of mosses which will only include Mosses and Hepaticae. You may therefore expect to see many new forms from this country within the next two years.

It is very remarkable that we were both born the same year. I hope your visit to Philadelphia will be productive of many fine things and as I am going to the Atlantic coast the coming summer many of my finds will be different from last summer.

Very sincerely yours
John Macoun

Dr. N. Conr. Kindberg
Linköping
Sweden.

Ottawa Feb 11th 1888

J. W. Chickering
Dear Sir.

I shall be delighted to make another exchange with you this winter and shall be able I am sure to send you quite a large number of your desiderata as my father collected last summer on Vancouver Island and I along the shore of James Bay. I have your list of wants up to the end of the exogens, can you not send me some sort of a list of the endogens you are in need of. I am afraid that of exogens alone I could hardly send you enough species to make it worth while, but we have an immense collection of grasses and carices as well as other endogens which have been accumulating for years and these I purpose distributing this winter, last season alone my father and myself collected fifteen species and varieties of grasses

Ottawa Feb 11th 1888

J. M. Holzinger
Dear Sir.

I shall be delighted to make an other exchange with you this winter and shall be able I am sure to send you quite a large number of your desiderata as my father collected last summer on Vancouver Island and I along the shore of James Bay. I have your list of mosses up to the end of the [illegible], can you not send me some out of a list of the Hepaticae you are in need of. I am afraid with mosses alone I could hardly send you many species to make it worth while, but we have an immense collection of fungi and lichens as well as the Algae which have been accumulating for years and these I propose distributing this winter, but seeing my father and myself collected fifty species and numbers of fungi

[illegible] were new to science. I have distributed the Polypetalae of last summer's collecting but am getting along very slowly as it is only at odd intervals that I can take time for this work, but I will go through all our duplicates before going to the field again, and will begin now setting aside specimens for you. I remember you had last year a list of your duplicates, have you one of your last 2 years collections or shall I send you our herbarium list.

Yours truly
Jas. M. Macoun.
Curator of the Herbarium

Ottawa Feby 13th 1888

Geo. Vasey Esq.
Washington DC.

Dear Sir.

Your letter of the 4th instant with your list of desiderata reached me this morning. We shall be able to furnish you with a few of the species you desire and now that we have the list will remember you in our collecting. As for my James Bay collection I might easily send you a list but it would be a list only as I brought home but few specimens but those I was not quite certain of or we needed for our own herbarium, however I shall be in the same locality next season and if you wish will collect a complete set of the plants that grow there for you. We sell no specimens but shall be glad to supply you with anything we have in exchange for our own

[illegible]sidrata. Unfortunately I have distributed the Polypet[illegible]
[illegible] our last seasons collecting and shall begin on
[illegible] Gamopetalae this week. Can it not be arranged
[illegible] some way so that I could send you the rarer
[illegible]cies without having your list or would it be
to wait ~~and~~ until your next lists appear.
[illegible] can count upon our doing all we can
[illegible] this respect in the future. [illegible]

[illegible]

Ottawa Feby 14th 1888

Prof. Penhallow
McGill Colleg. Montreal.
Dear Sir

I have sent you to-day another hundred sheets of specimens including your duplicates in Orchidaceae. I had forgotten that I had myself made a list of the indigenous in your herbarium, and while waiting for the return of the sheets I sent you the list was in a notebook on my table. It will not of course be necessary in the [illegible] catalogue ~~list~~ to you as I can return it ~~to~~ send the [illegible] use the list I have with much less trouble

Yours Truly
Jas. M. Macoun

Febr 15th 1888

My dear Sir

Your letter, list and both packages of specimens came safely and today I have examined the specimens and returned the Port folio.

The specimens sent to Mr. Fletcher were doubtless used at the Experimental Farm as I have not seen them. Next season should you be able to collect any specimens I would like a good specimen of L. Salicaria, N. gibba, Pycnanthemum [illegible] var. glabra, and E. purpureum (type)

Thanks for the correction regarding Mr. Bachm. I am glad you have got the type of Canadian purpureum. Dry for specimens next summer. I am quite sure from what you say that your plant is Euonymus atropurpureus. The Ligusticum is no doubt what you say it was introduced by the early settlers. Artemisia Abrotanum is "Old Man" What "Old Woman" is I cannot [illegible] unless it is Wormwood.

All the fruit and leaves sent are Q. prinoides. Collect fruiting and flowering specimens of all oaks and

Feb. 15th 1888

My dear Sir

Your letter, list and both packages of specimens came safely and today I have examined the specimens and returned the [illegible].

The specimens sent to Mr. [illegible] were doubtless used at the Experimental Farm as I have not seen them. Next season should you be able to collect any specimens I would like a good specimen of [illegible], [illegible], [illegible] var. glabra, and [illegible] (type)

Thanks for the correction regarding Mr. [illegible]. I am glad you have got the type of [illegible] for specimens next summer. I was quite [illegible] what you say that your plant is [illegible]. The [illegible] is no doubt what you say of one [illegible] the early settlers. [illegible] is "Old Man" [illegible] what "Old Woman" is I cannot [illegible] it is Wormwood.

All the fruit and leaves [illegible] [illegible] fruiting and flowering specimens of [illegible]

them and as you say do good service. I may be up in your district next September just to collect fruit of Oaks &c.

The whole of your notes are very interesting and have been put away for future reference but none can be incorporated this year as Part IV is printed off up to Cypress.

Should there be any specimens that we have, you would desire to have, we will forward them to you. I am glad to learn you are still doing something in botany and hope you will keep on and do some collecting of mosses next season

Very truly yours
John Macoun

J. Dearness Esq
Public School Inspector
London

there and as you say do good service. I may be
up in your district next beforehand just to collect —
point of Oaks &c.

The returns of your notes are very interesting and have been put away for future reference but none can be incorporated this year as Part IV is printed off up to Cupuliferae.

Thanks then for any specimens that re—lay your [illegible] desire to bring [illegible] then to you. I am glad to know you are still doing something in botany and hope you will look up and do some collecting of mosses next season.

Very truly yours
John Macoun

J. Dearness Esq
Public School Inspector
London

Feb. 15th 1899

My dear Sir

I am still working along and today settled with the genus Sporobolus.

My examination of Sporobolus cuspidatus and depauperatus has not been satisfactory. Still I agree with you regarding the specimens. ~~You report~~ Coulter in his Rocky Mountain Flora that S. cuspidatus grows in Maine and Prof. Fowler says it grows in New Brunswick. My Anticosti specimens we make S. depauperatus and I believe this is correct, for the following reasons.— My specimens of depauperatus have scabrous or rough sheaths and those of cuspidatus smooth ones. The other characters are not very clear and hence I would like your opinion and a character or two clearer than those in the general description.

Feb. 15th 1889

My dear Sir

I am still carrying about and today settled with the famous Spaniards.

My examination of [illegible] [illegible] and [illegible] has not been satisfactory: still I agree with you regarding the speci-mens. ~~[illegible]~~ Guenée in his Book [illegible] tes [illegible] that the [illegible] passes in [illegible] and Prof. [illegible] says it passes in New Bruns-wick. My Contra-costa specimens are under D. [illegible] and I believe this is owing to the following reasons:- My specimens of ~~[illegible]~~ have no ugly black and those of [illegible] haven't one. The other characters are not very clear and hence I would like your opinion and a character to tell these two apart in the present description.

What is Agrostis geminata Trin.? Do you purpose giving a name to my Antarctic Agrostis or will I enter it as you said in your last note?. These are the latest notes. Please name the end of specimens and keep it.

Very truly yours
John Macoun

George Vasey M.D.
Botanist Agricultural Dept.
Washington.
D.C.

What is Opuntia penicillata Ehr.? Do you purpose giving a name to my Arkansas Opuntia or will you write it as you said in your last note? These are the latest notes. Please name the seed as specimens and label it.

Very truly yours

Alfred Hansen

George Vasey M.D.
Botanist Agricultural Dept.
Washington.
D.C.

Ottawa Feby 10th 88.

Geo. Vasey M.D.

Dear Sir.

Will you kindly name the [illegible] grass collected on Queen Charlotte Islands by Dr. Dawson, and give me [illegible] [illegible] of [illegible] [illegible] short descriptions for his Catalogue of my father's [illegible] [illegible] pendula var. mutica [illegible] brevi aristata and [illegible] [illegible] a [illegible]. What names are the following species now known by: Phippsia monandra Trin., Colpodium fulvum var. fusca Hook. and Agrostis [illegible] [illegible] rubra L.

Yours truly

J. M. Macoun.

Ottawa Feby 17th 1888

Dear Madam

I forgot to mention in my last letter that although no carices were checked off on the list sent you we have almost a complete set, all found in the east at any rate. I am getting out specimens for so many different institutions and individuals and have so little time to give to this work that I progress but slowly, indeed I am not yet through our duplicates of Polypetalae. I have however fifty or more species for you and when I reach the end of the Polypetalae will send my packet.

Yours Resp.
Jas. M. Macoun

Louisa L. Owen
Springfield.

Feb. 18th 1888

My dear Prof. Burgess

You have made out a good case and we pass on.

I have examined your Carices and return them with notes with this letter. You may depend on the names now. They agree with the Catalogue at any rate. Eighty pages of the new part have been struck off and they have not reached the Carices yet. I have catalogued one hundred species of grass and am just at Cryzopsis sylvatica so you see our grasses are very numerous. This Part will be the best yet as I am trying to make it perfect.

I may get up to Hamilton next September as I do not purpose going west this year and then we will talk over your notes. I may say here that I believe in all forms being described and named. Regarding the botanical lectures I will say at the outset be practical and talk to teach not to be heard.

Feb. 18th 1888

My dear Prof. Burgess

You have made out a good case and we [illegible] one.

I have examined your Cases and return them with notes with this letter. You may depend on the names now. They agree with the Catalogue at any rate. Eighty pages of the new part have been struck off and they have not reached the Cases yet. The Catalogue was founded upon [illegible] years and one part at [illegible] explanation as you see my names are very numerous. This Part will be the best yet as I am trying to make it perfect.

I may get up to Hamilton next September as I do not purpose going next this year but then we will talk over your notes. I may say here that I believe in no genus being described and named. Especially the Botanical Lectures. I will say at the outset be practical and talk to the <u>hand</u> not to the <u>head</u>.

My plan would be to explain the present system of botanical classification. Then show the ease with which plants are separated into groups as Exogens and Endogens, then Polypetalae, &c. &c. Keep out of details as that belongs to the field and in your walks in spring you can explain all to them. I would therefore advise you to deal with the broad principles in your lectures and give them the details and how to examine flowers in the spring. In a lecture I give popular facts and do not burden my hearers with details which are generally very dry but I am careful to give scientific facts and not twaddle.

Thomas Burgess M.D.
Hamilton
Ont.

Very truly yours
John Macoun

My plan would be to explain the present system of botanical classification. Then show the ease with which plants are separated into groups as Exogens and Endogens, then Polypetalae, &c. &c. Keep out of details as that belongs to the field and in your walks in spring you can explain all to them. I would therefore advise you to deal with the broad principles in your lectures and give them the details and how to examine flowers in the spring. In a lecture I give important facts and do not burden my hearers with details which are generally very dry but I am eager to give scientific facts and not twaddle.

Very truly yours
John Macoun

Thomas Dwyer M.D.
Hamilton
Ont.

Feb. 18th 1888

My dear Sir

Your very interesting letter and the parcel of specimens came safely. I thank you very much for the notes and the descriptions of the new forms. Below you will see what I think of the changes.

[illegible] 3 and 24 which you erect into a new variety I adopt and place under [illegible] as a synonym C. [illegible] [illegible] placed under your variety as I believe they are the same. I had made No. 31 from Stewarts Lake C. [illegible] but was in doubt. I have done with C. [illegible] exactly as you say and No. 27 from Stewarts Lake also. I believe you are quite right [illegible] as you write. I believe [illegible] in placing my specimens with var. [illegible] the present. C. [illegible] can stand until I hear from [illegible]. Your division of Var. [illegible] suits me exactly as I can separate it and C. [illegible] very easily. C. [illegible] Var. [illegible] is [illegible] northern form and I believe is the only one

Feb 18th 1888

My dear Sir

Your very interesting letter and the parcel of specimens came safely. I thank you very much for the notes and the descriptions of the new forms. Below you will see what I think of the changes

[illegible] 23 and 24 which you unite into a new variety of [illegible] and place under [illegible] a synonym of C. [illegible] [illegible] placed under your variety as I believe [illegible] as the [illegible]. I had [illegible] No 31 from [illegible] [illegible] but not the [illegible]. I have [illegible] as you say and No. 32 from [illegible] as you wish. I believe you [illegible] var. [illegible] as your [illegible] in placing my specimens [illegible] the present. C. [illegible] [illegible]. Your division of Var. [illegible] as I [illegible] very easily. C. [illegible] one [illegible]

in the north woods. The description separates it out another very easily.

Taking everything into consideration I am much pleased with the results of the last two months work and believe when we get C. pratensis settled the northern Carices will be in good shape. What do you make of my arrangement of the Vesicaria

As soon as I hear from Europe I will write again.

Very truly yours
John Macoun

Prof. L. H. Bailey
Agricultural College
Michigan

in the next week. The description separates it and
makes very easily.

Taking every thing into consideration I
am much pleased with the results of the last two
months work and believe when we get P. pratensis
settled the northern Grasses will be in good shape.
What do you make of my arrangement of the Bromus
So soon as I hear from Scribner I
will write again.

Very truly yours
Alfred [illegible]

Prof. L. H. Bailey
Agricultural College
Michigan

Feb. 20th 1888

Prof. L. Underwood,

Your note of the 11th inst. was duly received. In answer I may state that I have much pleasure in giving you the required information and thank you at the same time for examining the specimens.

(No 3) I have no specimens with leaves over two inches high. It was a mud species being covered at high tide and having perhaps only a little water on the surface of the mud at other times.

(No 4) This species grew in the river and was always under water and could only be collected at low tide. I am not sure that the water was even salty brackish where it grew. No 5 grew in a lake nine miles or more away and was completely submerged. I suspect that Nos 4 and 5 are the ~~[illegible]~~ same species as they were much alike when fresh.

Very truly yours

[illegible] Macoun

Prof. L. Underwood
Syracuse University
N. York.

Feb. 20th 1888

Prof. L. Gardemann,

Your note of the 17th inst. was duly received. In answer I may state that I have much pleasure in giving you the required information and thank you at the same time for examining the specimens.

(95) I have one specimen with leaves on two sides [illegible]. It was a round specimen being covered at top [illegible] and having probably only a little mould on the surface of the rest of other items.

(No. 4) This specimen grew in the river and [illegible] along rocks under water and could only be collected at low tide. I am not aware that [illegible] was ever [illegible] like this other [illegible] 2

No 5 grew in a [illegible] [illegible] as [illegible] [illegible] and was completely submerged. I suspect that [illegible] and [illegible] [illegible] [illegible] specimens as they were [illegible] [illegible] [illegible] [illegible].

Very truly yours
[illegible]

Prof. L. Gardemann
[illegible] University
[illegible]

Feb. 20th 1888.

Dr. Lorenzo G. Yates

Dear Sir

I have just entered in our order book for one copy of your "All Known Ferns" for our Library.

Could you exchange a copy for my own office if I send Parts I., II., III., IV. of my Catalogue of Canadian Plants? The four parts make a volume of 623 Pages and include 2208 species.

Very truly yours
John Macoun

Dr. Yates
Santa Barbara Cal.

Feb. 20th 1888,

Dr. Lorenzo G. Yates

Dear Sir

I have just entered in our order book for our copy of your "[illegible]" for our Library.

Would you exchange a copy for my own office of I and Parts I. II. III. IV. of my Catalogue of Canadian Plants? The three parts make a volume of 623 Pages and include 2208 species.

Very truly yours
John Macoun

Dr. Yates
Santa Barbara Cal.

Feb. 20th 1887

My dear James

Your letter and enclosure came today. The plant you name is called Lycopodium annotinum. There are two other species in the woods besides the one sent.

The common name is Club-Moss but I have heard it called Prince's Pine.

We are all well at present.

Very truly yours
John Macoun

Mr. James Macoun
Belleville
Ont.

Feb. 26th 1897

My dear James

Your letter and enclosure came today. The plant to name is called [illegible] [illegible]. There are two other species in the north besides the one sent.

The common name is [illegible] but I have heard it called Prince's Pine.

We are all well at present.

Very truly yours
John Macoun

Mr. James [illegible]
Belleville
Ont.

Feb. 20th 1888

My dear Sir

I have just now received the first part of your work on Characeae and have looked over it with much pleasure. I have been waiting patiently for it and am delighted with the part now issued.

My purpose of including the Charas in my Part IV has been abandoned and will not be taken up for two years if they remain before the masses. The present Part will only include the grasses.

Next summer I will have less general collecting and can devote more time to the lower forms. My present intention is to devote three months next summer to Prince Edward Island and September to the waters of Ontario. I mean in the next two years to look specially for Characeae, Musci and Hepaticae.

During the past two years I have discovered nearly forty new Musci which are now being described. [illegible] are known before [illegible] and [illegible] you want in quantity.

Very truly yours
John Macoun

Dr. T. F. Allen
New York.

Feb. 20th 1888

My dear Sir

I have just now received the first part of your work on Chinese and have looked over it with much pleasure. I have been waiting patiently for it and am delighted with the part now issued.

My purpose of including the Chinese in my Book has been abandoned and will not be taken up for two years of steady devotion before the Chinese. At present I shall only include the Japanese.

Next summer I will have two Japanese Scholars and two months more time to the Corean. My present intention is to devote two months next summer to Chinese Colonial and afterwards to the natives of Australia. I mean in the next two years to take specimens for Chinese, Corean and Alphabetic.

Knowing the fact two years I have obtained nearly fifty new Chinese which are now being de-ciphered. [illegible] in German before [illegible] for work in [illegible].

Very truly yours
[illegible]

To G. S. [illegible]
[illegible]

Feb. 20th. 1888

My dear Mr. Pearson

Your letter of the 1st inst. has been received. I am delighted to learn that your eyes are in good order as to me eyesight is beyond all price.

There is no necessity to return the catalogue. I do not expect such a showing as Dr. Hindley makes of the Musci but will be pleased if our list reaches 100 species. That is about the proper proportion the Hepatics should bear to the Musci. I am looking forward with great interest to your report as I consider your work of the utmost value at the present time. In two years I will catalogue the whole of the Ferns and their allies including Musci and Hepaticae and the work of yourself and Dr. Hindley will enable me to do this in a proper manner.

I send with this Author's specimen of the species asked for. I mounted one specimen and sent him another. Lygodium scandens = circinatum

Feb. 20th 1888

My dear Mr. Cresson

Your letter of the 9th inst. has been received.
I am delighted to learn that your eyes are in good order as to me eyesight is beyond all price.

There is no necessity to return the catalogue.
I do not expect such a showing as Dr. Hinckley makes of the Museum but will be pleased if we distribute 110 species. That is about the proper proportion the collection showed here to the Museum. I am looking forward with great interest to your report as I consider your work of the utmost value at the present time. In two years I will catalogue the whole of the Bees and Hymenoptera including Museum and Hopkins and the work of yourself and Dr. Hinckley will enable me to do this in a proper manner.

I send with this Bulletin specimens of the species asked for. I number the specimens and send their numbers. Lygaeus [illegible] = [illegible]

the other species was gathered on the bark of Thuya occidentalis and a specimen of it is in my collection in Kew Herbarium. Jungermannia pulchella must have been a provisional name and may be on a specimen at Kew. Jungermannia dentata was not collected by me but taken from an old list published in Montreal, over twenty years ago.

You might return a part of each specimen with the real name when you are sending the others.

Next summer I hope to make valuable collections. Part IV is nearly written.

Very truly yours
John Macoun

W. H. Pearson Esq.
15 The Park
Eccles
near Manchester
England.

The other species was gathered on the bark of Khaya [illegible]
and a specimen of it is in my collection in Kew Her-
-barium. Sporormia [illegible] must have been
a provisional name and may be on a specimen at
Kew. Sporormia [illegible] was not collected by
me but taken from an old list published in
[illegible], over twenty years ago.

You might return a part of each
specimen with the exact name when you are send-
-ing the others. Next summer I hope to make a whole
collection. Part IV is nearly written.

Very truly yours
[illegible]

W. Ph. [illegible] Esq.
15 The Park
Eccles
near Manchester
England.

Feb. 20th 1888

Prof. C. Peck
Dear Sir,
I am glad to learn that you are still in working order.
Expect me to send you much fresh material the coming summer. Our new parcel post and direct communication with Albany will enable me to send fresh specimens that can be examined by you the day after they are gathered here.

Very truly yours
John Macoun

Prof. Charles Peck
State Botanist
Albany
New York.

P.S. I have just received the enclosed specimen from New Brunswick. What is it?
J. M.

Feb. 20th 1888

Prof. C. Peck

Dear Sir,

I am glad to learn that you are again in working order.

Expect me to send you much fresh material the coming summer. Our new parcel post and direct communication with Albany will enable me to send fresh specimens that can be examined by you the day after they are gathered here.

Very truly yours
John Macoun

Prof. Charles Peck
State Botanist
Albany
New York.

P.S. I have just received the enclosed specimen from New Brunswick. What is it?
J.M.

Feby 21st

J. W. Chickering Esq.
Dear Sir.

Your letter of the 16th. inst. reached me yesterday and the catalogue this morning. I send you by to-days mail a duplicate of our herbarium list (U.S.) the species marked being those of which we have full sheets; Any of the others we shall be glad to receive from you, and should the number you can supply us with be greater than those of your desiderata we have, I can easily make up the difference with sheets of our name species. As I have your list of Desiderata up to the end of the apetalae I return Mann's List retaining, the lists of grasses and ferns; quite a number of species were collected by my father and myself last season, these are of course not mentioned in his catalogue, and of these I shall send you specimens, as although you may have some of them from the U.S. you certainly will not

8 Feby 21st

J. W. Christening Esq
Dear Sir.

Your letter of the 11th inst. reached me yesterday and the catalogue this morning. I send you by to-day's mail a duplicate of our Lepidoptera list (11.2.1) the species marked being those of which we have full sheets, any of the others we should be glad to receive from you, and should the numbers you can supply us with be greater than those of your desiderata we have, I can easily make up the difference with sheets of our rarer species. As I have your list of Desiderata up to the end of the Lepidoptera I return Wevner's list retaining, the lists of Genera and Species; quite a number of species were collected by my father and myself last season, these are of course not mentioned in his catalogue, and of these I shall send you specimens, as although you may have some of them from the U.S. you certainly will not

have Canadian specimens. As I told you before I am going slowly through our entire stock of duplicates and am getting out specimens for quite a number of individuals so that it will be some time before I reach the Cyperaceae and Gramineae from which orders I shall be able to send you a large number of species so do not expect a packet from me for some time, say a month, in the meantime kindly send me a list of your carices, with the lists of grasses and carices, I shall manage well enough with the indigenous, as I shall know pretty well what you would be likely to have.

Part IV of my fathers Catalogue will be out about May 1st. and a copy will be sent you, the Catalogue will not be finished for some years, as it will include the lowest forms of Cryptogams. We hope to get out part V (Mosses etc) next winter.

Yours truly
Jas. M. Macoun
Curator of Herbarium.

than Canadian specimens. As I told you before I am going slowly through our entire stock of duplicates and am getting out specimens for quite a number of individuals so that it will be some time before I reach the Hymenoptera and Hemiptera from which orders I should be able to send you a large number of species — do not expect a packet from me for some time, say a month, in the meantime kindly send me a list of your desiderata, with the kinds of genera and species, I shall manage well enough with the Odonata, as I shall then finally send what you need or likely to have.

Part II of my father's Catalogue will be out about May 1st. and a copy will be sent you, the Catalogue will not be finished for some years, as it will include the lowest forms of Cryptogams. We hope to get out part I (Mosses etc) next winter.

Yours truly
Jno. M. Macoun
Curator of the Museum.

Feb. 22nd 1888

My dear Madam

Your note of the 10th inst has been received. I am sorry to inform you that we purchase no botanical specimens whether ornamental or not and that I can not answer your question in the affirmative.

Should I be able to help you in any way I would be glad to do so and will name any botanical specimens you may collect or in any other way give you assistance.

It is just possible that they might desire to have your collection at the Experimental Farm here. You could address Prof. Saunders at the Farm. With kind regards to Mr. Harris and a keen remembrance of old times

I remain Very truly yours
John Macoun

Mrs. H. A. Harris
Calgary.

Feb. 22nd 1898

My dear Madam

Your note of the 10th inst has been received. I am sorry to inform you that we purchase no botanical specimens whether ornamented or not and that I can not answer your question in the affirmative.

Should I be able to help you in any way I would be glad to do so and my name may ... any botanical specimens you may collect or in any other way give you assistance.

It is just possible that they might desire to have your collection at the Experimental Farm here. You could address Prof. Saunders at the Farm. With kind regards to Mrs. Harris and a kind remembrance of old times

I remain very truly yours
[illegible]

Mrs. H. R. Harris
Calgary.

Feb. 22nd 1888

My dear Sir

Enclosed please find the ticket of the first Century of the mosses I am commencing to publish. Should you desire a set or the first hundred I will take the price of the latter out in advertising. Should you not desire the mosses put the notice found below in the Gazette for three months and send me the bill in duplicate and I will pay on receipt of it. Find also two dollars ($2) my subscription to the Gazette for the current year.

Very truly yours
John Macoun

Prof. J. M. Coulter
Crawfordsville
Indiana

Feb. 22nd 1888

My dear Sir

Enclosed please find the ticket of the first century of the mosses I am commencing to publish. Should you desire a set - in the first hundred I will take the price of the latter out in advertising. Should you not desire the mosses put the notice found below in the Gazette for three months and send me the bill in duplicate and I will pay on receipt of it. Find also two dollars ($2) my subscription to the Gazette for the current year.

Very truly yours
John Macoun

Prof. J. M. Coulter
Crawfordsville
Indiana

Ottawa Feby 22nd 8

Dear Madam

I must have been too hurried when my last letter was written to explain just what I wished you to do for me, for you have certainly misunderstood many things; since you express willingness to assist me I shall at some length tell you why I wrote to you in the first instance and just what I want. First as to the return I expect for any plants that may be sent you. I expect no return, at least not so far as an equal number of specimens goes. We have an immense stock of duplicates and every year distribute many thousands for which we receive nothing in return. Our herbarium of Canadian plants contains nearly all that have been found in Canada but we wish a complete collection of the plants of the U.S. and still lack many of the commonest species for the simple reason that they are but seldom collected. The list which I sent you was an old one, and since it was prepared we

Ottawa Feb 21 8

Dear Madam

I must have been to Jamaica when my last letter was written to Jamaica great which I wished you to see, for you have certainly misunderstood many things; since you so pure intelligences to assert were I should at once thought this you; why I want to go in the first instance and good- what I want. First as to the whites I expect of any fossils ~~that~~ may be sent you. I expect no return, at least not so far as an equal number of specimens goes. We have an immense stock of duplicates and many ages ~~trilobite~~ among Mammals for which we receive nothing in return. Our Collections of Canadian plants certainly many are ~~that~~ have been found in Canada but we made a complete collection of the plants of the N.B. and still lack many of the commoner species of the principal regions that they are but seldom collected. The list which I sent you was an old one, and since it was prepared we

have received many specimens from the U.S.
but none from the East since it was used
by Dr. Greene of Boston. I return the list, as we
have later ones, which we now use, and if you
will keep it by you and now and then during
the coming season collect a specimen of
any of those we require, it will be all ~~that~~
I shall ask. Flowers and fruit when possible.
As for the return I may make you will I am
sure be satisfied with it and you may expect
a packet very soon. So there was no mistake
as to what I wanted, and the common things
will please me best. As to roots &c I of course
desire ~~and~~ nothing of ~~that~~ kind that would not
mount nicely for the herbarium. I return your
list, where I have crossed out being all that
have been added since the list sent you was
prepared. Our collection of carices is kept by itself
and the check lists are also separate and I
had forgotten that I had marked these as bad
when I sent the list to Dr. Greene. As I do not
think you have my father's Catalogue I send
you the parts so far as they have been
published, do not acknowledge the receipt of them

until my packet of plants reaches you and then one letter will suffice. I cannot sufficiently thank you for the willingness you have expressed to assist me and shall be glad to do anything I can for you in a botanical way in return.

Yours very truly

Jas. M. Macoun

Maria L. Owen

Springfield. Mass.

P.S. Should you have any trouble at the Custom House about the Catalogues you may assure the officers that as they are never sold, they have no commercial value.

Idem.

Feb. 27th 1888

My dear Mr. Ellis

With this note I send about fifty packets of Fungi collected chiefly in 1884 at Lake Nipigon and a few other odds and ends. I also send a specimen of Polyporus Macounii Pk. which is exactly like the specimen he had. This is No. 160. No. 159 I believe to be the same. If so I have this in quantity but can only give you another specimen of No. 160.

After this I will send you no more common things from here as I will begin to study our fungi in earnest the coming spring. I have Part IV nearly written. This will include the Endogens only and the additional species to Parts I, II, III. Next summer I will collect Cryptogams chiefly as these will largely be my future work.

Feb. 27th 1888

My dear Mr. Ellis

With this note I send about fifty packets of Fungi collected chiefly in 1887 at Lake Nipigon and a few other odds and ends. I also send a specimen of Polyporus Macounii Pk. which is exactly like the specimen he had. This is No. 160. No. 152 I believe to be the same. Of no. I have this in quantity but can only give you another specimen of No. 160.

After this I will send you no more common things from here as I will begin to study my fungi in earnest this coming spring. I have Part IV nearly written. This will include the Endogens only and the additional species to Parts I–III. Next summer I will collect Cryptogams chiefly as these will largely be my future work.

At last I have had the labels for the first hundred of my Canadian mosses printed and I send No 4 to you. Dr. Lindberg of Sweden gets No 2 and will carefully examine every speci-men so that all mistakes will be corrected at an early date.

Please send us a Century of your Fungi in exchange for the Mosses and when the next is ready we will get another.

Next season I will send all my agarics to Prof. Peck and all the other material to you. I will keep a running number so that henceforth all my species can be referred to by number.

Very truly yours
John Macoun

J. B. Ellis Esq
Newfield
New Jersey.

At last I have had the labels for the first hundred of my Canadian mosses printed and I send the 4 to you. Dr. Kindberg of Sweden gets the 2 and will carefully examine every speci-men so that all mistakes will be corrected at an early date.

Please send me a list of your things in exchange for the Mosses and when the next is ready we will get another.

Next season I will send all my specimens to Prof. Peck and all the other Mushrooms to you. I will keep a running number so that henceforth all my species can be referred to by number.

Very truly yours
John Macoun

J. B. Ellis Esq
Newfield
New Jersey

Feb. 27th 1883

My dear Sir

Your note of the 21st inst. came two days since and I answer at once.

As I mentioned when you was here I do not expect to go west the coming summer and hence will not need any person. Should present arrangements be changed I will let you know and take the young man as a collector and general worker.

You might mention to him that I will keep him in mind and if I can help him any way I will. I may be west next year. If so you will know. He ought to collect a lot of stuff while around Winnipeg and gradually make himself known and get some of the local men to get him on a survey party.

F. B. Anderson & Co.
Book & Job Printers
Winnipeg Man.

Very truly yours
John Macoun

Feb. 27th 1883

My dear Sir

Your note of the 21st inst. came two days since and I answer at once.

As I mentioned when you were here I do not expect to go west the coming summer and hence will not need any person. Should present arrangements be changed I will let you know and take the young man as a collector and general worker.

You might mention to him that I will keep him in mind and if I can help him any way I will. I may be west next year. If so you will know. He ought to collect a lot of stuff while around Winnipeg and gradually make himself known and get some of the best men to get him on a survey party.

Very truly yours
John Macoun

E. B. Anderson & Co.
Book & Job Printers
Winnipeg Man.

Feb. 27th 1888

My dear Sir

Dr. Selwyn handed me your note this morning and I send with this Part III as desired. Part IV — Endogens — is now pass-ing ~~through~~ the press and will be published early in summer.

I will send you this as soon as issued. Will be glad to receive your Catalogue when published

Very truly yours
John Macoun

Charles A. Raddin Esq
Room 112 Home Insurance Building
Chicago
Ill.

Feb. 27th 1888

My dear Sir

Mr. Schaeffer handed me your note this morning and I send with this Part III as desired. Part IV – Embryogeny – is now passing through the press and will be published early in summer.

I will send you this as soon as issued. Will be glad to receive your catalogue when published

Very truly yours
Edward Murray

Charles A. Dandelin Esq
Room 112 Home Insurance Building
Chicago
Ill.

Feb. 27th 188[illegible]

My dear Sir

I have a vivid remembrance of our meeting in London and of my examination of your Manitoba plants. I remember the Hieracium but left it in the herbarium and this was left in London so that I can say nothing further about until I see a specimen.

I am quite sure that you never found P. [illegible] in Manitoba. Your P. Pennsylvanica is quite right. If Mr. Fletcher were right in his surmise the Prunus would be Virginiana as its place is between P. demissa and P. serotina. If you look in Part I. written five years ago you will see that I thought there were three species now I am of opinion that the prairie form is P. demissa as that is what your specimen is without a doubt. Unless there be a prairie species yours is it but Coulter in his Manual of the Rocky Mountain Flora makes demissa come East of the Mountains. When the new flora is published all these points will be cleared up. Your [illegible] [illegible].

When you collect specimens next spring gather early so as to get the stipules, then later, when in fruit

Feb. 27th 1888

My dear Sir

I have a vivid remembrance of our meeting in London and of my examination of your Manitoba plants. I remember the [illegible] but left it in the herbarium and this was left in London so that I can say nothing further about it till I see a specimen in Manitoba. I am quite sure that you mean [illegible] [illegible]. Your P. [illegible] is quite right. If Mr. Fletcher was right in his naming the [illegible] would be [illegible] or its place is between P. [illegible] and P. [illegible]. If you look in Part I. [illegible] [illegible] years ago you will see that I think there are two species more, I am of opinion that the species from [illegible] as that is what your specimen is without a doubt. [illegible] there be a [illegible] species given in it but [illegible] in his [illegible] of the [illegible] [illegible] [illegible] makes [illegible] one [illegible] of the [illegible]. [illegible] the new [illegible] is pub-lished all [illegible] will be cleared up. [illegible] [illegible] When you collect specimens and [illegible] [illegible] [illegible] [illegible] the [illegible], [illegible] [illegible] in [illegible]

Prunus Virginiana has straight teeth. Demissa has appressed teeth with somewhat callous-pointed teeth and P. serotina has incurved callous-pointed teeth. Your description describes the form and appearance but not the teeth of demissa.

Gentiana Andrewsii is quite correct. The Polygonum sent is incarnatum no matter what I thought.

You may depend on me determining anything you may send, therefore have no diffidence about doing so. Next autumn when I see your complete list we may be able to send you some duplicates to make your collection more complete.

We have no duplicates of Lobelia spicata. The western form is L. spicata var. hirtella without any doubt. Gray's Manual is no use in the west for descriptions. I know nothing of any Western Polygala verticillata. I wish you would collect one or two good specimens

Your Virginiana has straight tails. Carinae has apparently tails with somewhat hollow [illegible] tails and P. [illegible] has sinuous hollow [illegible] tails. Your descriptions describe the form and appearance but not the taste of carinae.

[illegible] [illegible] is quite correct. The Polygonum used is inconclusive or [illegible] what I thought.

You may depend on me determining anything you may send, and we have no difficulty about doing so; but sometimes when I see your complete list we may be able to send you some duplicates to make your collection more complete.

We have no duplicates of Lobelia spicata. The nearest form is L. spicata var. hirtella and not very hardy. Gray's Manual is no use in the north for descriptions. I know nothing of any Western Polygala verticillata. I wish you would collect me a few good specimens

[illegible] this
of the [illegible]
I have of 18[illegible] Catalogue.
It is out of Print. J. M.

of all species not mentioned as being found in the prairie region. I will give you five species for one. See the names of the returned Asters. Any specimens you send in future do not fast in them but put a slip and number on the sheet. Without you have no duplicates I should always retain the specimens as double transit makes the specimens useless. Aster laevis, multiflorus and ptarmicoides are no doubt correct. The two others are A. [illegible] and Novae-Angliae.

Write Can. Selwyn or let the Authorities of St. John's College write him asking for duplicates of botanical specimens for St. John's College and I will likely get permission to supply you as far as possible with western species. [illegible] [illegible] is for what we will help you must be [illegible]. [illegible] 18 — Endogens — is now going through the press and may be issued in May.

Very truly yours
John Macoun

Rev. W. A. Burman B.A.
Griswold Man.

all species not mentioned as being found in
the province again. I will give you five species for
one. See the names of the enclosed Carices.
Any specimens you send in future do not
put in straw but just a slip and number on the sheet.
Without you have no duplicates I should always
retain the specimens as doubts [illegible] the
specimens useless. Carex laxa, multiflora and
tenuiflora are no doubt correct. The two others
are C. [illegible] and Pseudo-Cyperus.
Write the Rev. [illegible] a list of the Contributors
of St. John's College would have nothing for duplicates
of botanical specimens for St. John's College
and I will likely get permission to supply you
as far as possible with western species. I have
[illegible] in the [illegible] half your [illegible] to [illegible]
[illegible] - Canadensis - is now going through the press
and may be issued in July. Very truly yours
Rev. H. A. [illegible] D.D. John Macoun
[illegible] Minn.

Feby 27th 7

Madam

I am in receipt of your letter of Feby 8th and Feby 13th, but have as yet received neither the Flora of Switzerland nor your packet of plants. but I have no doubt that these will come by next weeks mail. In the meantime I have sent you 100 additional species in two small packets. Had your letter arrived a day sooner these last packets would not have been sent you.

With but occasional exceptions the specimens I have received from Europe have been of poor quality and small in numbers, and I have been accustomed to send in exchange plants of a similar description. I would say however that the specimens I have sent you although small, were full grown for the most part, and it was merely for convenience of transport that I selected the smaller specimens. Many of these were species that can be procured from no one else, and

Friday 27th

Dear Sir

I am in receipt of your letters of July 8th and July 13th, but have as yet received neither the 7 lbs. of Eucalyptus nor your packet of plants. but I have no doubt that these will come by next weeks mail. In the meantime I have sent you 170 additional species in two same packets. Had your letter arrived a day before these last packets would not have been sent you.

With but occasional exceptions the species I have received from Europe have been of poor quality and much in evidence, and I have been accustomed to deal in no cheaper grade of a similar description. I would say however that the specimens I have sent you although small, are fully grown for the most part, and it was merely for convenience of transport that I selected the smaller specimens. Many of these were species that came to Europe from me [illegible], and

were selected as being of greater interest to you on account of being from the mountainous portions of our country. However in the future you will have no cause of complaint as I shall send you larger and more fully developed specimens, such as will at least be on a par with those I receive from you. As to those already sent you (150 species) we will on account of their small size call the number 100 and I am still in your debt 230 species. In the meantime I shall await with anxiety the safe arrival of your parcel and will at once advise you of its receipt. Do not write until you hear from me again!

Yours Truly
Jno. [illegible]

Rosa Mason
Lausanne
Switzerland.

Ottawa Feby 27th 8

Dear Sir.

I have sent you by to-days mail one second packet of plants to supplement those sent you last year. The first packet mailed Jan. 5th and addressed to Mr. Carruthers I suppose reached him safely although we have had no word from him to that effect. Will you kindly advise me of the safe arrival of the present packet?. My father wishes me to call your attention to the Orchid which he has named H. sparsiflora although Watson says that it should be H. gracilis, will you give him your opinion. Part II of his catalogue is now going through the press and H. sparsiflora has been credited ~~it~~ in it only to Menzies.

Yours truly
Jas. M. Macoun
Curator of Herbarium.

H. N. Ridley F.L.S.
British Museum
London.

Ottawa Feby 27th

Dear Sir.

I have sent you by to-day's mail the second packet of plants to supplement those sent you last year. The first packet mailed June 5th was addressed to Mr. Carruthers & perhaps reached him safely although we have had no word from him to that effect. Will you kindly advise me of the safe arrival of the present packet? My father wishes me to call your attention to the [illegible] which he has named H. [illegible] although Watson says that it should be H. g[illegible], will you give him your opinion. Part II of the Catalogue is now going through the press and H. [illegible] has been credited in it only to [illegible].

Yours truly
Jas. M. Macoun
Curator of Herbarium.

H. N. Ridley F.L.S.
British Museum
London.

Feb. 20th 1880

My dear Sir

Some time since I received the copies of your last report and was much pleased with it. I hope you will go on and prosper.

Today I have finished examining your cryptogams and have sent the names with the two parcels. On the top of the box you will find two packets containing lichens. They are samples of the way we all do up these things when sent for examination. Next autumn send me a specimen numbered and retain yourself another with the same number. I retain the one you send and you get their name. If on more careful examination the name is changed I inform you by Number and you make the correction. Do not break your clumps into scraps as they are more difficult of determination and are not so valuable

Feb. 20th 1888

My dear Sir

Some time since I received the copies of your last report and was much pleased with it. I hope you will go on and prosper.

Today I have finished examining your cryptogams and have sent the names with the two parcels. On the top of the box you will find two packets containing lichens. They are samples of the way we all do up these things when sent for examination. Last autumn sent me a specimen numbered and return promptly named with the same number. I return the one you sent and you get these names. If on more careful examination the name is changed I inform you by number and you make the correction. Do not break your clumps into scraps as they are more difficult of determination and are not so valuable

as specimens. I would be glad if you would make large collections of Mosses, Lichens, Liverworts next year and send them to me as I mentioned above. I would then have a set of Quebec species which would be of much value.

I am sorry I have retained them so long but Part IV has occupied me all winter.

Very truly yours
John Macoun

C. N. H. Esq. F. R. S. C.
Department of Public Instruction
Quebec

The parcels have been enclosed in a box and sent by express.

[illegible]

as specimens. I would be glad if you would make large collections of Mosses, Lichens, liverworts next year and send them to me as I mentioned above. I would then have a set of Quebec specimens which would be of much value.

I am sorry I have retained them so long but Part IV has occupied me all winter.

Very truly yours
John Macoun

C. A. H. Esq. [illegible]
Department of Public Instruction
Quebec

The parcels have been received in a bag and sent by Express.

[illegible]

Feb. 28th 1888

My dear Sir

Your letter and the package came safely and today I have examined the specimens and on the returned sheets I have written the names of the plants. You can get the botanists name that should follow the name of the species.

The collection is quite interesting and has been chiefly collected in the region around Kamloops. At least from a number of local species I suppose so. The true Sage Brush (Artemisia tridentata) grows only British Columbia and it is amongst these sent.

I am still of the opinion that I will be on Prince Edward Island next summer. Should you write would you tell me where would be the cheapest and best place for a small family — say of three or four — to live three months on the island next season. I may take part of my family down there with me.

Very truly yours
John Macoun

A. H. McKay B.A.
Pictou Academy

Feb. 28th 1888

My dear Sir

Your letter and the package came safely and today I have examined the specimens and on the returned sheets I have written the names of the plants. You can get the botanist's name that should follow the name of the species.

The collection is quite interesting and has been chiefly collected in the region around Kamloops. At least from a number of local species I suppose so. The two large Birch (… occidentalis) grow only in British Columbia and it is amongst these birch.

I am still of the opinion that I will be on Prince Edward Island next summer. Should you visit would you let me know where would be the cheapest and best place for a small family — say of three or four — to live three months on the island next season. I may take part of my family down there with me.

Very truly yours
John Macoun

A. H. McKay B.A.
Pictou Academy

Feb. 28th 1888

My dear Sir

Your note of the 21st inst has reached me and in answer I may state that Mr. Pearson of Manchester, England has been at work on my Canadian Hepatics for nearly two years. His work is now drawing to a close and the results of his labors will be published at once. There are a number of new species and many very interesting things besides.

As soon as the results of his work is given to the public I will issue a number of sets based upon his report and if you choose I will put down your name for the first set. There will be over 100 species.

We have just commenced the issuing of Centuries of Canadian mosses at $8 per hundred. The series is limited to twenty sets six of which were sent away this week. I have sent down a notice of it to the Botanical Gazette. Should you desire the mosses let me know. We have many new species described by Kindberg of Sweden.

Very truly yours
John Macoun

To Frederick V. Coville
Cornell University
N. York.

Feb. 28th 1888

My dear Sir

Your note of the 24th inst has reached me and in answer I may state that Mr. Pearson of Manchester England has been at work on my Canadian Hepaticae for nearly two years. His work is now drawing to a close and the results of his labor will be published at once. There are a number of new species and many very interesting things besides.

As soon as the results of his work is given to the public I will issue a number of sets Hepaticae his report and if you choose I will put down your name for the first set. There will be over 100 species.

We have just commenced the issuing of Sets of Canadian mosses at $8 per hundred. The issue is limited to twenty sets two of which were sold away this week. I have sent down a notice of it to the Botanical Gazette. Should you desire the mosses let me know. We have many new species described by Kindberg of Sweden

Yours truly
John Macoun

Frederick V. Coville
Cornell University
N. York

Feb. 28th 1888

Dear Mr. Goldie

Your Secretary or yourself sent me the Bulletin of the Guelph Scientific Society and I have read it with much interest

I believe you will do much good local work and in view of that and what has been talked of between us I now write.

We want more amateur Natural History writers and your paper on the birds of your vicinity is just such as we want everywhere but get very few owing to lack of interest.

I want to know if Dr. Selwyn ever sent the three parts of my Catalogue of Canadian Plants to the Society. If not let me know and I will send them myself. Part IV is nearly written and will complete the Endogens. I have been very busy all winter.

Very truly yours
John Macoun

James Goldie Esq
Guelph: Ont.

Sept. 25th 1888

Dear Mr. Goldie

Your Secretary or Someone sent me the Bulletin of the Guelph Scientific Society and I have read it with much interest.

I believe you are the most good local work and in view of that and what has been talked of between us I now write.

We want more amateur Natural History workers and your paper on the birds of your vicinity is just such as we want everywhere but get very few owing to lack of interest.

I want to know if Dr. Selwyn ever sent the three parts of my Catalogue of Canadian Plants to the Society. If not let me know and I will send them myself. Part IV is nearly written and will complete the Catalogue. I have been very busy all summer.

Very truly yours
John Macoun

James Goldie Esq
Guelph, Ont.

Feb. 28th 1888

My dear Sir

Your note of the 26th inst has just been received. Please accept my thanks for the names of the Isoetes. I get the Botanical Gazette so I will see the descriptions of the new species.

I consider myself very lucky in collecting so many fine things on Vancouver last summer. I have fully 50 species new to Science in all orders.

As soon as the paper on our Hepaticae is published I will at once send you a copy.

Very truly yours
John Macoun

Prof. L. W. Underwood
Syracuse
N. York.

Feb. 28th 1888

My dear Sir

Your note of the 25th inst has just been received. Please accept my thanks for the names of the Species. I put the Hepaticae [illegible] as I wish to see the description of the new species.

I consider myself very lucky in collecting so many fine things on Vancouver last summer. I have fully 50 species new to Science in all orders.

As soon as the paper on our Hepaticae is published I will at once send you a copy.

Very truly yours
John Macoun

Prof. L. M. Underwood
Syracuse
N. York.

Feb. 29th 1888

My dear Sir

Your card with the correction about Lobelia Cardinalis was received and the correction made.

I thank you very much for Phycomyces nitens. It is the first specimen I have seen, and a very fine one.

My personal collection of Canadian fungi now numbers 642 species so you see I am working this order up likewise.

We have 96 pages of Part IV printed off so you see we are going ahead.

Very truly yours
John Macoun

James Vroom Esq
St. Stephen
N. B.

Feb. 29th 1888

My dear Sir

Your card with the correction about Lobelia Cardinalis was received and the correction made.

I thank you very much for Phycomyces nitens. It is the first specimen I have seen, and a very fine one.

My summer collection of Canadian fungi now numbers 642 species so you see I am working this order up [illegible].

We have 96 pages of Part IV printed off so you see we are going ahead.

Very truly yours
John Macoun

James Vroom Esq
St. Stephen
N. B.

Feb. 29th 1888

My dear Sir

I have been so busy that I have failed to acknowledge your kindness in sending me your splendid article on our Lake Agassiz. I have read it with great interest and am fully in accord with your conclusions. A further study of our northern district will I believe establish the position of the <u>northern glacial barrier</u>. It is the only common sense view of the matter.

I believe our great lakes existed long prior to the glacial period and that such a barrier as caused Lake Agassiz sent the present waters of the St Lawrence to the sea in a south westerly direction. Are there any facts to show this opinion to be correct?

Could you procure for me Bulletin No 3 of the Minnesota Survey. It contains Bailey's plant list.

Very truly yours
John Macoun

Warren Upham Esq
28 Newbury Street
Somerville, Mass.

Feb. 25th 1883

My dear Sir

I have been so long that I have failed to acknowledge your kindness in sending me your splendid article of our Lake Agassiz. I have read it with great interest and am fully in accord with your conclusions. A further study of our northern district will I believe establish the position of the northern glacial basin. It is the only common sense view of the matter.

I believe our great lakes existed long prior to the glacial period and that such a basin as caused Lake Agassiz and the present water of the Winnipeg to the sea in a north westerly direction. Are there any facts to show this opinion to be correct?

Would you favour me Bulletin No 8 of the Minnesota Survey. It contains Bailey's plant list.

Very truly yours

John Macoun

Warren Upham Esq
11 Newbury Street
Somerville, Mass.

Ottawa Feby 29th

Madamoiselle

Both your packet and the Flora of Switzerland were received by me to-day. I do not wonder that you considered that you had cause of complaint that the specimens sent by me were not larger and of better quality. Our herbarium contains many thousands of specimens but no set that at all compares with those sent by you, nor have I ever seen specimens that exhibited such uniform care and skill in their preparation. While I can hope to send you no plants that have been so carefully selected and dried you will have no cause for dissatisfaction in the future as regards incomplete specimens or the smallness of their number. In every instance I shall send you the best we have of each species, and if you will next year continue the exchange I shall next season collect with more than ordinary care a set of the plants

of this region for you. On our botanical tours we collect so many specimens of each species that it is quite impossible to exercise much care in preparing specimens but fruit as well as flowers are always secured when possible and everything will ~~b~~ in future be complete. As I am going slowly and systematically through our duplicates, laying aside specimens for a large number of our correspondents I must ask you to wait for some weeks for my packet as I will not send it until I have examined all our duplicates and will send the result in one packet by express. Probably about May 1st the work will have been completed and later in that month you may expect my packet. If you desire further or better specimens of any species already sent you send me a list of these.

Yours very truly

Jas. M. Macoun

Curator of Herbarium.

Miss Rosa Masson

Lausanne

Switzerland.

of this region for ages. On our botanical
tours we collect so many specimens of
each species that it is quite impossible
to devote much care in preparing, specimens
but fruit as well as flowers are always
secured when possible and sometimes, and
X in flower to complete. As I am
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a large number of our correspondents I
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for my packet as I will not send
it until I have examined all our
duplicates and will send the most in
one packet by express. Probably about May 1st
the work will have been completed and
letter in that month you may expect
my packet. If you desire families [illegible]
specimens of any species already sent you
send me a list of these.

Yours Very Truly

Ross Mason
Jas. M. Mason
Uruapan
Cuesta, Michoacan.
Guadalajara.

Ottawa Feby 29th

Dear Madam

I have sent by mail to-day to your address a small packet of plants in which I trust you will find something that will interest you. More pressing work will prevent me from getting out any more specimens for exchange for some weeks but I shall send you another packet before leaving for the field in the spring. I am determined to to place you in my debt to such an extent that the sight of one of my desiderata will be a sufficient incentive for you to collect it at once. I wish in the meantime that you would tell me from what orders you would prefer me to select your specimens as I do not now know whether you prefer rare or pretty species.

Yours Truly

Jas. M. Macoun

Maria L. Owen
Springfield
Mass.

Ottawa Feby 29th

Dear Mr Bates

I have sent by mail to-day to your address a second packet of plants in which I think you will find something that will interest you. Other pressing work will prevent me from getting out any more specimens for [illegible] for some weeks but I shall send you another packet before leaving for the field in the spring. I am determined to get the plants up in my [illegible] the same as I have [illegible] that [illegible] of my [illegible] will be a sufficient inducement for you to collect it at once. I wish in the meantime that you would tell me just what you would prefer me to select your specimens as I do not know whether you prefer more a pretty specimen

Morris E. Bates
Springfield Mass.

Yours truly
Jas. M. Macoun

March 1st 1888

My dear Sir

Your letter and parcel of plants came safely on the 27th and by good luck I was able to examine the specimens at once. Besides these I have done my best with the others and send the results. Please send no more mounted specimens - except sea weeds as they are liable to get broken in transit. I have also named the printed specimens <u>on the back</u> when necessary. All the species were well delineated and I had no difficulty in determining them.

I have sent the lady in St. John the three Parts already published and will send the fourth next summer. I have been very busy all winter writing at it and in a few weeks more will have it complete. Ninety six pages are already printed and struck off and I have nearly as much more written.

Depend upon me assisting you in every way.

March 9th 1888

My dear Sir

Your letter and parcel of plants came safely on the 27th and by good luck I was able to examine the specimens at once. Besides these I have done my best with the others and send the results. There were no more mounted specimens - might be much as they are liable to get broken in transit. I have also named the painted specimens as the best when necessary. All the species were well determined and I had no difficulty in determining them.

I have sent the body in [illegible] to the Parts already published and will send the growth next summer. I have been very busy as usual writing at it and in a few weeks more will have it completed. Ninety nine pages are already printed and struck off and I have nearly as much more ready. Depend upon me assisting you in every way.

I have made a copy of the lists I return so that I will have it for future reference.

I cannot recognize the drawings you send of the "Pine Apple" and "Bell-shaped Flower" No 2. <u>may be</u> Convolvulus arvensis or Sepium but this is only a guess. I am free to state that there is no such fruit as the "Pine Apple" in Newfoundland but from Mr. Howley's description of the fruit – not his drawing – I believe it to be ~~[illegible]~~ or Trillium <u>erythrocarpum</u>. I will leave you to judge. The "little blue berry" seems to be the Vaccinium uliginosum. and the red one Ilex verticillata.

I think there is no doubt but that Cormack's R. saxatilis = R. triflorus. Long ago most of our peculiar species were believed to be European and obtained English names. The variety of R. arcticus is the common form in most <u>localities</u>. I have corrected the four last and returned it. I am very glad you sent me all the fragments you had. Now when spring opens you can commence again and put aside for me every

I have made a copy of the little [illegible] so that I now have it for future reference.

I cannot recognize the drawings you sent of the "Pine Apple" and "Bottle-shaped Flower". No 2. may be Sarracenia [illegible] or purpurea but this is only a guess. I am free to state that there is no such fruit as the "Pine Apple" in Newfoundland but from Mr. Horsley's description of the fruit — not his drawing — I believe it to be Empetrum or Rubus chamaemorus. I now leave you to judge. The "little blue berry" seems to be the Vaccinium uliginosum, and the red one Vitis idaea.

I think there is no doubt but that Cornus C. canadensis = C. suecica. Long ago most of our American species were believed to be European and obtained English names. The variety of C. [illegible] is the commoner form in most localities. I have corrected the form [illegible] and returned it. I am very glad you sent me [illegible] fragments you had. Now when spring comes you can commence again and put aside for me any

thing you are not sure of and I will do my best to set you right.

I return all the material I have of yours. Some of the sea-weeds are possibly incorrect but I vouch for all the others.

Very truly yours
John Macoun

Rev. Arthur Waghorne
Harbor Breton
Newfoundland.

List of the Rev. A. C. Waghorne's Newfoundland Plants

1. Mentha Canadensis,
2. Aspidium spinulosum Var. dilatatum,
3. Kalmia glauca,
4. Euphrasia officinalis
5. Aspidium marginale
6. Conioselinum Canadense
7. Equisetum [illegible]
8. Pteris Aquilina
9. Thalictrum purpurascens (or very like it.)
10. Asplenium Filix-foemina
11. Eupatorium purpureum.
12. Poterium Canadense
13. Euphorbia helioscopia
14. Parmelia physodes
15. Stachys palustris
16. Galium trifidum
17. Fragaria Virginiana
18. Rumex Acetosella
19. Campanula Scheuchzeri, Vill.
20. Linaria vulgaris
21. Epilobium coloratum
22. Anaphalis Margaritacea

List of the Rev. A. C. Waghorne's Newfoundland
Plants

1. Mentha Canadensis
2. Aspidium spinulosum Var. dilatatum,
3. Halenia deflexa
4. Euphrasia officinalis
5. Aspidium marginale
6. [illegible] Canadense.
7. [illegible]
8. Pteris Aquilina
9. Thalictrum polygamum (or may be etc.)
10. Asplenium Filix-foemina
11. Eupatorium purpureum
12. Potentilla Canadensis.
13. Euphorbia helioscopia
14. [illegible]
15. Stachys palustris
16. Galium trifidum
17. Fragaria Virginiana
18. Rumex Acetosella
19. Campanula Scheuchzeri, Vill.
20. Linnaea borealis
21. Epilobium coloratum
22. Anaphalis Margaritacea

2

23 Aralia nudicaulis,
24 Aster acuminatus? (very poor)
25 " tardiflorus
26 Solidago macrophyllus? (Very poor)
27 Deyeuxia Canadensis
28 Juncus effusus
29 Poa serotina
30 Triticum repens.
31 Glyceria Canadensis
32 Lathyrus maritimus
33 Veronica serpyllifolia
34 Potentilla Canadensis
35 Moneses uniflora
36 Potentilla palustris
37 Pyrola minor
38 " secunda
39 Gnaphalium uliginosum
40 Ranunculus acris
41 Cornus Canadensis
42 Rubus triflorus
43 Smilacina trifolia
44 Rhododendron Rhodora
45 Epilobium palustre Var. lineare
46 Vaccinium Pennsylvanicum Var. angustifolium

2

23 Arabis medicaulis

24 Carex acuminata? (very few)

25 " tenuiflora

26 Habenaria macrophylla? (Very few)

27 Geranium Canadensis

28 Juncus effusus

29 Poa serotina

30 Polygonum rufescens

31 Glyceria Canadensis

32 Lathyrus maritimus

33 Gentiana angustifolia

34 Potentilla Canadensis

35 Nemopanthes mucronata

36 Potentilla palustris

37 Cynthia crinita

38 " acuminata

39 Gnaphalium uliginosum

40 Ranunculus Acris

41 Cornus Canadensis

42 Ribes trifolium

43 Aspidium trifolia

44 Rhododendron Rhodora

45 Aspidium palustre var. lirians

46 Vaccinium Pennsylvanicum var. angustifolium

47 Lonicera coerulea
48 Comandra livida
49 Rubus Chamaemorus
50 Amelanchier Canadensis Var. oligocarpa
51 Elodes Virginica
52 Kalmia angustifolia
53 Solidago uliginosa
54 " ~~arguta~~ rugosa
55 Coptis trifolia
56 Polygonum maritimum
57 Solidago Canadensis (Possibly = 54) [illegible]
58 Ledum latifolium
59 Hypericum Canadense
60 Spiraea salicifolia
61 Eriophorum Virginicum
62 Potentilla Norvegica
63 Vicia hirsuta
64 Ranunculus sceleratus
65 Lycopus Virginicus
66 Geum rivale
67 Ranunculus repens
68 Lobelia Dortmanna
69 Myosotis laxa
70 Ranunculus Flammula var. reptans

47 Lonicera Canadensis
48 Coeloglossum viride
49 Rubus Chamaemorus
50 Amelanchier Canadensis var. oligocarpa
51 Aletris Virginica
52 Kalmia angustifolia
53 Vaccinium uliginosum
54 " ~~rugosa~~ nigra
55 Coptis trifolia
56 Polygonum aviculare
57 Vaccinium Canadense (Gray = 57) [illegible]
58 Ledum latifolium
59 Maianthemum Canadense
60 Spiraea salicifolia
61 Eriophorum Virginicum
62 Potentilla Norvegica
63 Vicia hirsuta
64 Ranunculus reptans
65 Fragaria Virginiana
66 Carum carvi
67 Ranunculus acris
68 Silene Cucubalus
69 Agrostis alba
70 Ranunculus Flammula var. reptans

4

71 Pogonia ophioglossoides
72 Vicia cracca
73 Galium triflorum
74 Urtica dioica
75 Rosa nitida
76 Heracleum lanatum
77 Rubus villosus
78 ~~Galeopsis tetrahit~~
79 Cnicus lanceolatus
80 " arvensis
81 Lycopodium dendroideum
82 " annotinum
83 " clavatum
84 Viburnum nudum
85 Cassandra calyculata
86 Cinna pendula
87 Elymus mollis
88 Agrostis vulgaris ! (no flower)
89 [illegible] uniflora
90 Myrica Gale
91 Lupinus perennis
92 Aspidium spinulosum var. intermedium
93 Lamium purpureum
94 Aspidium aculeatum ?

71 [illegible]
72 [illegible]
73 [illegible]
74 [illegible]
75 [illegible]
76 [illegible]
77 [illegible]
78 ~~[illegible]~~
79 [illegible]
80 " [illegible]
81 [illegible]
82 " [illegible]
83 " [illegible]
84 [illegible]
85 [illegible]
86 [illegible]
87 [illegible]
88 [illegible] ? ([illegible])
89 [illegible]
90 Nepeta Cat
91 Lycopus europaeus
92 [illegible] var. [illegible]
93 Lamium purpureum
94 [illegible] ?

5

95 Halenia deflexa
96 Spergula arvensis
97 Chenopodium album
98 Pedicularis palustris var.
99 Cerastium vulgatum
100 Viola cucullata
101 Veronica officinalis
102 Salix rostrata
103 ~~[illegible]~~ Gaylussacia resinosa
104 Menyanthes trifoliata
105 Larix Americana
106 Comptonia asplenifolia (or Myrica Gale)
107 Rumex Acetosa & Macrophyllum
108 ~~Vaccinium Pennsylvanicum~~ ? — Myrica cerifera ?
109 Stellaria borealis — See other specimen
110 Mertensia maritima
111 Leontodon Autumnale
112 Cardamine hirsuta
113 Potentilla tridentata
114 Lathyrus palustris
115 Calluna vulgaris
116 Veronica arvensis ?
117 Carex crinita
118 " arctata

5

95 [illegible]
96 [illegible]
97 [illegible]
98 [illegible]
99 [illegible]
100 [illegible]
101 [illegible]
102 [illegible]
103 ~~[illegible]~~ [illegible]
104 [illegible]
105 [illegible]
106 [illegible] ([illegible])
107 [illegible]
108 ~~[illegible]~~ [illegible] ?
109 [illegible] [illegible]
110 [illegible]
111 [illegible]
112 [illegible]
113 [illegible]
114 [illegible]
115 [illegible]
116 [illegible]
117 [illegible]
118 " [illegible]

119 Carex flava
120 Taxus baccata Var. Canadensis
121 Carex aurea
122 Alopecurus geniculatus
123 Scirpus atrovirens
124 Carex maritima
125 Luzula campestris
126 Carex folliculata
127 " Magellanica
128 " vulgaris
129 " gynandra
130 Sonchus Oleraceus
132 Sambucus racemosus Var. pubens
133 Malva sylvestris
134 Erysimum cheiranthoides
135 Anthemis arvensis
136 Ribes lacustris

119 Carex flava
120 Carex [illegible] var. [illegible]
121 Carex [illegible]
122 Alopecurus geniculatus
123 [illegible] [illegible]
124 Carex [illegible]
125 [illegible] [illegible]
126 Carex folliculata
127 " Magellanica
128 " vulgaris
129 " gynocrates
130 Juncus [illegible]
132 [illegible] var. [illegible]
133 [illegible] [illegible]
134 [illegible] [illegible]
135 [illegible] [illegible]
136 [illegible] [illegible]

Mosses, Lichens

1 Dicranum scoparium = [illegible] Hedw.
3 Polytrichum juniperinum = [illegible]. Hedw.
4 Dicranella heteromalla, Hedw.
5 Ramalina calicaris, var. farinacea, Fr.
7 Cetraria lacunosa, Ach.
8 Peltigera canina, Hoffm.
9 Orthotrichum strangulatum [illegible] Sulliv.
10 Ramalina calicaris, Fr.
11 Cladonia furcata, Flork.
12 Sticta pulmonaria, Ach.

In sending specimens put them up so you will find No 12. Retain one packet and I will keep the other and send you the name by number. Flowering plants should never be fastened on the paper in which they are sent. Merely place them on the paper with a ticket showing time and place of collecting. Without locality and date not known the specimen is useless.

Genera, Lichens

1 [illegible] = [illegible]

3 [illegible] = [illegible]

4 [illegible], [illegible]

5 [illegible], Var. [illegible]

7 Cetraria islandica, Ach.

8 Peltigera canina, Hoffm.

9 [illegible] ? Ach.

10 [illegible], Ach.

11 Cladonia furcata, Schrad.

12 Sticta pulmonaria, Ach.

In mounting specimens put them up as you will find No 12. Paste on paper and [illegible] and send you the names by Numbers. Mounting properly should [illegible] the paper in which they are sent. Neatly place them on the paper with a label showing time and place of collecting, habitat, locality and [illegible] specimen is [illegible]

Names of Sea weeds. from
Newfoundland.

10.1, 13, 31, 36, 40 Chondrus crispus
11.2, 22, 17, 24, 27, 33, 25, 37, 30, 40, 42, 47, 46, 49, 51, 52, 56, 61, 60
64, 72, 41 Ceramium rubrum.
9, 6, 34 " ~~[illegible]~~ divaricata
5, 28, 53, 63, 62, 65, 68, 71 " decurrens
Polysiphonia purpurea ? 12, 4, 23, 50, 66.
8, 55 Rhodomela subfusca
7 Ptiloides rotundus
21, 3, Corallina
18, 16 Phyllophora membranifolia
15 Ulva enteromorpha var. compressa
87. 29 Cystoclonium purpureum
14, 19, 26, 43, 35, 44, 45, 56 Euthora cristata
20 Plocamium coccineum
70 Sertularia (a Bryozoon)
38, 59 }
53 } I cannot determine these
69 }
I am not a good authority on seaweeds

Genera of the world, from Newfoundland.

11. 1, 13, 31, 36, 48 Chondrus crispus

11. 2, 22, 17, 24, 27, 30, 32, 38, 40, 41, 42, 43, 46, 49, 51, 52, 56, 61, 66

46, 72, 41 Ceramium rubrum.

7, 6, 34 " [illegible]

5, 28, 52, 63, 62, 65, 68, 71 " [illegible]

Polysiphonia fastigiata ? 12, 14, 29, 53, 66.

8, 55 Rhodomela subfusca

7 Ptilota [illegible]

31, 5, Corallina

18, 10 Phyllophora membranifolia

15 [illegible]

27 25 [illegible]

11, 17, 26, 43, 35, 44, 45, 56 Enteromorpha [illegible]

20 Cladophora [illegible]

70 [illegible] ([illegible])

38, 57
58
69 } 3 [illegible]

I have not a good authority on names

March 2nd 1888

Dear Mr. Bennett

Your letter of January 27th reached me in due time and I thank you much for the trouble you are taking about the Carices.

The list of a later date has also reached me and I have corrected C. attenuata and made it C. saxatilis Linn. = pulla, Gooden. I am glad you settle C. fulva as that was the name I gave it at first.

We have had the first proof of the first 20 Carices and I am looking forward with great interest for your next letter.

Since I wrote last Bailey has made No 14 C. Deweyana Var. sparsiflora and I have adopted his name and will publish the description in the Catalogue. I am still working very hard as you will excuse me for not sending the things I promised.

Very truly yours
John Macoun

A. Bennett F.L.S.
Croydon, England.

March 2nd 1888

Dear Mr. Bennett

Your letter of January 27th reached me in due time and I thank you much for the trouble you are taking about the Carices.

The list of a Carex that has also reached me and I have corrected the ~~[illegible]~~ and made it C. vitilis = Fries, Sweden. I am glad you settled C. fulva as that was the name I gave it at first.

We have had the first proof of the first 22 Carices and I am looking forward with great interest for your next letter.

Since I wrote last Bailey has made the C. Deweyana Var. sparsiflora and I have adopted his name and will publish the description in the Catalogue. I am still working very hard so you will excuse me for not sending the things I promised.

Very truly yours
John Macoun

A. Bennett F.L.S.
Croydon, England

March 2nd 1888

Prof. J. M. Coulter

Dear Sir

Your note of Feb. 28th has just reached me. I am glad to learn that you are finding some good things amongst my specimens. You have still Nos. 13, 14, & 16 to report on yet. I hope you may find one of those new Carices.

Part IV (Endogens) of my catalogue is half through the press and I purpose adding an addendum to it in which will be all the additions to Parts I, II, III. I want to publish descriptions of all new species that I have found and would be glad if you could let me have them for that purpose. Any time before the middle of April will do. I will want S. Howellii, S. Dawsonii and P. Martindalei var. —

Very truly yours
John Macoun

Prof. J. M. Coulter
Crawfordsville
Indiana

March 2nd 1888

Prof. J. M. Coulter

Dear Sir

Your note of Feb. 28th has just reached me. I am glad to learn that you are finding some good things amongst my specimens. You have still Nos. 13, 14, & 16 to report on yet. I hope you may find one of these a new Clematis.

Part IV of my catalogue (Endogens) is half through the press and I propose adding an Addendum to it in which will be all the additions to Parts I, II, III. I want to publish descriptions of all new species that I have found and would be glad if you could let me have them for that purpose. Any time before the middle of April will do. I will want A. Kennedyi, A. Canadensis and P. Hartwrightii var. ———

Very truly yours
John Macoun

Prof. J. M. Coulter
Crawfordsville
Indiana

March 2nd 8

Dear Sir.

In reply to your letter of the 1st. inst. Prof. Macoun desires me to write you ~~that~~ as full a set as can be selected from our duplicates, will be sent you, of the grasses of the North-West but this will not be before Part IV of his Catalogue has been issued; in May probably. In the meantime you may expect another packet of Phanerogams next week.

Yours truly
Jas. M. Macoun.

D. N. St. Cyr F.R.S.C.
Dept. Pub. Inst.
Quebec.

March 3rd 8.

J. W. Chickering Jr.
Dear Sir.

I am glad that you will be able to send me such a large number of our Desiderata, and on my part I shall have no difficulty in sending you in return at least 200 species. As I told you in a former letter I get on but slowly. I have completed my examination of the Polypetalous plants collected last year, and have reached the genus Carex in my examination of the Endogens. and have set aside specimens for you as I went along. From the carices and grasses will the greater number of my specimens be selected. You may expect a packet from me about April 1st. but not before I am afraid.

Of the carices marked on your list we only want. C. decomposita, C. glabra. var. brevipes, C. juncea and C. Schweinitzii.

I should be glad if you could send me specimens of Anthemis ~~[illegible]~~ arvensis and Matricaria

March 26 8

[illegible]
Dear Sir.

I am glad that you will be able to send me such a large number of the Brachiopods, and on my part I shall have no difficulty in sending you in return at least one species. As I told you in a former letter I get on but slowly; I have completed only the examination of the [illegible] fossils collected last year, and have reached the genus [illegible] in my examination of the [illegible]. and have set aside specimens for you as I went along. From the [illegible] and [illegible] with the [illegible] number of any specimens to select. [illegible] more perfect or [illegible] form are about April 1st. but not before I am afraid.

Of the [illegible] species on your list we only want. C. [illegible], C. [illegible] var. [illegible], C. [illegible] and C. [illegible].

I should be glad if you could send me [illegible] and [illegible]

inodora as those we already have from the U.S. ~~are~~ by no means answer to the European Descriptions. I cannot tell you which would be the better way to send specimens from Washington. I think a new law came into force Feb. 1st last. which permits parcels to be sent from the U.S. here, but when the parcel is large I think that it would be cheaper and give less trouble to you to send it by express. Our own parcels we always send by post, for the very simple reason that we have a post office in the building and there is no trouble about either the express or customs people. Do not hurry at all about the specimens, any time before April 15th will give me time to arrange them before leaving for the field.

Yours truly

Jas. M. Macoun

Curator of Herbarium.

March 6th [illegible]

Prof. Penhallow
McGill College

Dear Sir.

I have sent you to-day a packet of plants in which among the specimens you will find our contributions in [illegible] and Juncaceae. Our next packet will contain Gamopetalae.

Yours Truly
Jas. M. Macoun.

March 6th 1888

My dear Sir

I just write a short note to say that we have received your letter of Feb. 15th. The loaned mosses came safely.

We send today 200 mosses or two centuries one for yourself and the other for M. Fries. You will please retain the one for your trouble and forward the other after due examination to M. Fries. The corrections you make I will correct on the labels.

I will write more fully tomorrow but desire this to go with the parcels. We will soon send you more flowering plants.

Very truly yours

John Macoun

Dr. Nils C. Kindberg
Linköping
Sweden

March 6th 1888

My dear Sir

I just write a short note to say that we have received your letter of Feb. 17th. The [illegible] arrived safely.

We send today 200 [illegible] in two [illegible] one for yourself and the other for Mr. Bain. You will please retain the one for yourself and forward the other after due examination to Mr. Bain. The [illegible] you made last week on the [illegible].

I will write more fully tomorrow but desire this to go with the parcels. We will also send you more [illegible] [illegible].

Very truly yours
[illegible]

Mr. [illegible]
[illegible]
[illegible]

Ottawa Mch 9th

Rev. Thos. Morong

Dear Sir.

The enclosed specimen of Potamogeton was sent me from New Brunswick for identification and I am not sure whether it is P. Spirillus or P. hybridus. Will you kindly determine it for me?

Yours truly

John Macoun

per J. M. M.

Ottawa March 8th 8

Dr. Nils Conrad Kindberg
Linköping. Sweden.
Dear Sir.

I am in receipt of your letter of the 19th ult. and have to thank you for your interesting notes on the specimens sent you. As to the names by which we know our specimens, we follow Sereno Watson and Dr. Gray's nomenclature and nearly all our determinations have been by these gentlemen and while our specimens in many instances differ from those of the same name from Europe, still it is by the names we have given them that they are known in America. Here in Canada we have no men whose whole time is devoted to botany with the exception of my father and myself and the immense field over which we have to work and the large number of ~~specimens~~ species found in our country prevents our devoting much

Ottawa March 8th   8

Dr. Nils Conrad Kindberg
Linköping, Sweden.
Dear Sir.

I am in receipt of your letter of the 19th ult. and have to thank you for your interesting notes on the specimens sent you. As to the names by which we have our specimens, we follow Sereno Watson and Dr. Gray's nomenclature and nearly all our determinations have been by these gentlemen and while our specimens in many instances differ from those of the same name from Europe, still it is by the names we have given them that they are known in America. Here in Canada we have no men whose whole time is devoted to botany with the exception of my father and myself and the immense field over which we have to work and the large number of ~~specimens~~ species found in our country prevents our botanizing much

Canada is a new country and much of it remains to be explored. In each season we collect many hundreds of species and of each species many sheets of specimens, these include all forms of cryptogams. For example last season my father collected, without any assistance, on Vancouver Island 1500 species of plants besides, birds, mammals, shells etc. Our object is to collect many specimens for distribution and time never permits us to bestow the care upon the preparation of our specimens that should be given to them. One sheet of each species for our own herbarium are dried and prepared with great care, the others are dried and packed away as hurriedly as possible. I would not have you think though that the specimens sent you are a fair sample of the way we prepare our specimens. Could you make with us an exchange of the plants of Norway for those of Canada? If so I shall be pleased to collect good specimens for you. I sent yesterday two small packets containing 100 species and will be

Canada is a vast country and much
of it remains to be explored. In each season
we collect many hundreds of species and
of each species many sheets of specimens, these
include all forms of cryptogams. For example
last season my pupils collected, without any
assistance, in Vancouver about 1800 species
of plants, beetles, birds, mammals, shells etc.
An object is to collect many specimens
for distribution and time never permits
us to bestow the care upon the preparation
of our specimens that should be given to them.
One sheet of each species for our own
herbarium are dried and pressed with great
care, the others are dried and packed away
as carefully as possible. I would not have
you think though the specimens sent
you are a fair example of the way we
prepare our specimens. Could you make
with me an exchange of the plants of
Germany for those of Canada? If so I shall
be pleased to collect you specimens for
you. I sent you today two small packets
containing 110 species and will be

time to the critical examination of the specimens we collect and we must of necessity depend to a great extent upon specialists and their determinations are frequently made upon a very superficial examination of the specimens sent them. This evil we hope to remedy when we shall have more time to devote to studying, and comparing our specimens with the types.

Arabis humifusum should be humifusa of course. Dr. Watson says on p. 200 of "Botanical Gazette" for 1887. "Sisymbrium humifusum of Greenland is an Arabis and has been collected at Hudson Bay" The specimens I sent you of collected in 1886 were those upon which he made the change.

Viola palmata var. cucullata has been so named by Dr. Gray in a recent revision and is the Viola cucullata of my fathers Catalogue: he made cucullata the species and palmata the variety, but we must follow Gray's changes.

As to the poor condition of the specimens sent you I should like to say a word.

See page 361

time to the critical examination of the specimens we collect and we must of necessity depend to a great extent upon specialists and their determinations are frequently made upon a very superficial examination of the specimens sent them. This evil we hope to remedy when we shall have more time to devote to studying, and comparing our specimens with the types.

Arabis humifusa should be humifusa of Watson.
Dr. Watson says in p. 222 of "Botanical Gazette" for 1887. "Cardamine humifusa of Hooker is an Arabis and has been collected at Hudson Bay." The specimens I sent you collected in 1886 were those upon which he made the change.

Viola palmata var. cucullata has been so named by Dr. Gray in a recent revision and is the Viola cucullata of my former Catalogue. He made cucullata the species and palmata the variety, but we must follow Gray's change.

As to the poor condition of the specimens sent you I should like to say a word.

March 9th 1888

My dear Sir.

Both the Cyperus and Potamogeton came safely. I have examined them and regard the Cyperus as a young state of C. esculentus = phymatodes I have no doubt of this.

The Potamogeton is without floating leaves and is very likely P. spirillus but as it has some characters of P. hybridus I have referred it to Mr. Morong. When he reports I will write you if he does not not make it spirillus

I am about to put in an addendum to part four of all additions of species to the other three parts and will insert your C. Clintonii and other notes there. I missed C. Clintonii in its proper place

There are no fungologists as far as I am aware in Canada and what I do as yet is only preliminary to an exhaustive study of them

March 9th 1888

My dear Sir.

Both the Ceylonese and [illegible] came safely. I have examined them and regard the Ceylonese as a young state of [illegible] = [illegible]. I have no doubt of this.

The [illegible] is without fracturing lines and is very likely [illegible] but as it has some character of [illegible] I have referred it to Mr. [illegible]. When he reports I will write you if he does not make it [illegible].

I am about to put in an addendum to last year of an additional [illegible] to the after this part then. I missed [illegible] and their notes [illegible] in its proper place. There are no [illegible] as far as I am aware in Canada and what I do as yet is only preliminary to an exhaustive study of them.

extensive order. I have now nearly 200 species of Canadian Fungi in our herbarium.

I hope you will be successful in your present occupation and be able to give some time to Natural History pursuits.

Mr. Chamberlain is making a dead set on us. You would scarcely know by his book that he was aware of my bird knowledge acquired during the last two years. I cannot understand why he makes out we have done nothing as we have over 400 species of Canadian birds in our Museum now and he knows it. I have in course of preparation a paper on the Birds of the Rocky Mountains and Vancouver Island which will comprise my notes of 1885—87

Very truly yours
John Macoun

James Vroom B.A.
St. Stephen
N.B.

extensive order. I have now nearly 200 species of Canadian Sponges in our collections.

I hope you will be successful in your present occupation and be able to give some time to Natural History pursuits.

Mr. Chamberlain is making a dead set on us. You would scarcely know by his book that he was aware of my bird knowledge acquired during the last two years. I cannot understand why he makes out we have done nothing as we have over 400 species of Canadian birds in our Museum now and he knows it. I have in course of preparation a paper on the Birds of the Rocky Mountains and Vancouver Island which will comprise my notes of 1886–87.

Very truly yours
John Macoun

James Vroom B.A.
St. Stephen
N.B.

March 9th 1888

My dear Sir

Your note of Feb. 25th has just reached me. In answer I may state that I have never published anything on the Rocky Mountains and British Columbia except my report on the Botany of the region contained in the Geological report for 1875-76 and my Catalogue of Canadian Plants three parts of which have been completed and the fourth now going through the press. These can be obtained by applying to Dr. Selwyn Director of the Survey.

I have now in preparation an article on the birds of the Rocky Mountains and Vancouver Island which will be read before the Royal Society at its meeting in Ottawa next May.

Very truly yours
John Macoun

Mr. A. W. Mc[illegible]
Fairmont Via Victoria, B.C.

March 9th 1888

My dear Sir

Your note of Feb. 21st has just reached me. In answer I may state that I have never published anything on the Rocky Mountains and British Columbia except my report on the Botany of the region contained in the Geologic report for 1875-76 and my Catalogue of Canadian Plants three parts of which have been completed and the fourth now going through the press. These can be obtained by applying to Dr. Selwyn Director of the Survey.

I have now in preparation an article on the Birds of the Rocky Mountains and Vancouver Island which will be read before the Royal Society at its meeting in Ottawa next May.

Very truly yours
John Macoun

Mr. A. W. McQuitty
Government [illegible], B.C.

glad to receive from you any notes you can give me upon them. I shall be pleased indeed to have your flora of Sweden and one of my friends here reads Swedish well enough to ~~translate~~ for me. Thanking you again for your valuable notes I am

Yours Truly

Jas. M. Macoun

Curator of Herbarium

glad to receive from you any notes you
can give me upon these. I shall be pleased
indeed to have your flora of Ecuador and
one of my friends here reads Spanish well
enough to ~~translate~~ for me. Thanking you
again for your valuable notes I am
Yours truly
Geo. M. [illegible]
Curator of Herbarium

March 9th 1888

My dear Sir

I have put down your name for the first set of Hepaticae but you will understand it may be nearly a year before it is published.

Should you desire any of the mosses for the Herbarium an early application may be necessary for a Century as only 20 sets are in the series and eleven are gone to Europe already.

I send a copy of a catalogue I published in 1878. In this you will find a list of Hepaticae. Three or four of these do not seem to be in what I sent to Pearson. They were all named however by Austin and I have sent him Austin's own specimens lately at his request. Since then I have not heard from him.

Very truly yours
John Macoun

Prof. Fred. C. Curtis
Cornell University
Ithaca N. York.

March 9th 1888

My dear Sir

I have just drawn your name for the first set of Duplicates but you will understand it may be nearly a year before it is distributed.

Should you desire any of the [illegible] for the [illegible] an early application may be necessary for a Century as only 50 sets are in the series and above one half are gone already.

I send a copy of a catalogue I published in 1878. In this you will find a list of Duplicates. Three or four of these do not seem to be in what I sent to Cornell. They were all named by Austin and I have sent him Austin's own specimens lately at his request. Since then I have not heard from him.

Very truly yours
John Murray

Prof. Fred. C. [illegible]
Cornell University
Ithaca N. York

March 12th 8

Eugene Warming Ph.D.
Copenhagen
Dear Sir.

Upon the receipt of your letter of Feby. 19th. I sent to your address a packet of Botanical specimens containing 100 species among which I hope you will find some that will interest you; another packet will follow shortly. I shall be glad to receive from you any notes upon the specimens sent you that you may be able to make. My father wishes me to thank you for the notes you have kindly given him on the carices sent you and to tell you that he will write you in a few days. We shall be glad to receive the promised specimens from your museum.

Yours truly
Jas. M. Macoun
Curator of Herbarium.

8 March 12th

Eugenius Warming Ph.D.
Copenhagen
Dear Sir.

Upon the receipt of your letter of Feby. 11th. I sent to your address a packet of Botanical specimens containing 170 species among which I hope you will find some that will interest you; another packet will follow shortly. I should be glad to receive from you any note upon the specimens sent you that you may be able to make. My father wishes me to thank you for the notes you have kindly given him on the species sent you and to tell you that he will write you in a few days. We shall be glad to receive the promised specimens from your museum.

Yours Truly
Jas. M. Macoun
Curator of Herbarium.

Mch. 13th

Prof. N. L. Britton
Columbia College

Dear Sir

I have sent you to-day our third packet of plants. On the top of this packet you will find specimens of our rare Juncaceae. I should be glad if you could look over them and make any corrections you think should be made and send me a note of them. My next packet will contain Cyperaceae.

Yours truly
Jas. M. Macoun
Curator of Herbarium

March 18 1886

Prof. N. L. Britton
Columbia College

Dear Sir

I have sent you to-day one third packet of plants. On the back of the packet you will find specimens of our same species. I should be glad if you would look over them and make any corrections you think should be made and send me a list of them. They next packet will contain Cyperaceae.

Yours truly
Geo. W. Vasey
Curator of Herbarium

Mch. 21st [illegible]

Wm Thiselton Dyer Esq
Royal Gardens Kew.
Dear Sir

I have sent you to-day the first century of Cryptogams issued by the Geol. Survey, for which Mr. Morris wrote me you would subscribe. I hope that they will reach you in good condition and that you will find some, at least, of the specimens of interest to you. In my letter written to Mr. Morris in December last I said that we should be glad to contribute to your herbarium such species, as we have among our duplicates, as are not included in the collection you received in 1878, providing that I had some basis to work upon. Have you a check-list or Catalogue of that collection that could be sent us? If so we could add many species every year

Yours Truly
John Macoun
per. Jas. M. Macoun

March 12

Wm Thiselton Dyer Esq
Royal Gardens Kew.

Dear Sir

I have sent you today the first section of Lepidoptera named by the late [illegible], for which there seems to be no great trouble. I hope that they will reach you in good condition and that you will find some, at least, of the specimens of interest to you. The only letter written to Mr. Morris in December last I said that we should be glad to contribute to your collection such species, as we have among our duplicates, as were not included in the collection you received in 1878, providing that I had some basis to work upon. Have you a check-list or catalogue of that collection that could be sent us? If so we could add many species new to you

Yours truly
John Macoun
per Jas. M. Macoun

March 14th 1888

My dear Sir

Your letters and parcel have been here for some time but it was only today I reached them.

(I) Comandra umbellata or pallida. The latter most likely. (II) Anemone multifida. This species has both white and pink flowers. The specimen sent has some resemblance to Virginiana and it would be well to get it more fully developed. (III) Glaux maritima is out. (IV) Senecio aureus var. Balsamitae? This var. has scabrous achenia. (V) Glyceria angustata. Mr. F. meant this and wrote the other by a slip of the pen. (VI) Polygonum incarnatum. This is rather lighter colored than the other but is the same.

Thanks for the Houstonia and Polygala. They are what you said they were.

Senecio palustris is an annual. No form of S. aureus is an annual. The tall form along brackish ponds is S. palustris.

In collecting Asters be sure and get

March 14th 1888

My dear Sir

Your letter and parcel have been here for some time but it was only today I examined them.

(I) Ranunculus rhomboideus or fascicularis. The latter most likely. (II) Anemone multifida. This species has both white and pink flowers. The [illegible] kind has some resemblance to Virginiana and it would be well kept if more fully developed. (III) Silene [illegible] [illegible] (IV) Senecio aureus var. Balsamitae? This would be called [illegible]. (V) Erigeron [illegible]. [illegible] and [illegible] the other by a [illegible] of the [illegible]. (VI) Polygonum [illegible]. This is rather lighter colour than the other but is the same.

Thanks for the Ranunculus and Polygala. They are what you said they were.

Senecio palustris is an annual. In your S. aureus is an annual. The two forms along both [illegible] found in S. palustris.

In collecting Asters be sure and get

the root leaves as these serve to identify [illegible]
Aster Canescens does not, nor in any part of Manitoba.
It belongs to the arid plains in the west and is an
annual. My son has put up specimens of those
species you ask for of which we have duplicates.

In looking over the papers brought from
England I found your list of Manitoba plants
and the notes which accompanied them. In looking
over it I make a few notes for your guidance
this summer.

(I) Vesicaria didymocarpa is not ours. It
is a mountain species. (II) Viola pedata = delphinifolia
(III) Examine Stellaria longifolia. (IV) See notes on P. acuti[illegible]
[illegible] Erigeron hirsutum? (VI) Pentstemon cristatus. See Part
[illegible] (VII) Quercus — see Part III (VIII) Prenanthes
[illegible]lanuginosa = trachycarpa (IX) Uvularia sessilifolia
[illegible] this is a mistake. Very truly yours
John Macoun

Rev. W. A. Burman B. A.
Griswold
Man.

the north [illegible] as their name its [illegible] [illegible]
Carex canescens does not, nor in any part of Manitoba.
It belongs to the arid plains in the north and is an
annual. My son has put up specimens of this
species you ask for & will [illegible] duplicates.

In looking over the papers brought from
England I found your list of Manitoba plants
and the note which accompanied them. In looking
over it I make a few notes for your guidance
this summer.

(I) [illegible] [illegible] is not correct. It
is a mountain species. (II) Viola pedata = delphinifolia
(III) [illegible] [illegible] [illegible]. (IV) See notes on [illegible]
of [illegible] [illegible]? (VI) [illegible] [illegible]. [illegible]
[illegible] (VII) [illegible] — [illegible] — (VIII) [illegible]
[illegible] = [illegible] (IX) [illegible] [illegible]
[illegible] this is a [illegible].

Very truly yours
John Macoun

Rev. W. A. Burman B. A.
[illegible]
Man.

March 13th

Dr. Geo. Vasey
Washington D.C.
Dear Sir.

Your packet of grasses was received this morning and I write at once to thank you for them. I have just looked over them and am delighted to find that nearly all the specimens are of species or varieties of which we had not before examples. I shall send you as soon as I get time to write the labels, some of the more interesting plants collected last season. My father has been very busy reading the proof and preparing the M.S. of Part II of his Catalogue and has had no time for letter writing. Over one hundred pages have gone through the press and next week the grasses will be reached, when my father will write thanking you for your kindness in replying to all his questions and ask your advice about further difficulties.

Yours truly Jas. M. Macoun.

March 13th

Dr. Geo. Vasey
Washington D.C.
Dear Sir.

Your packet of grasses was received this morning and I write at once to thank you for them. I have just looked over them and am delighted to find that nearly all the specimens are of species or varieties of which we had not before received. I shall send you as soon as I get time to write the labels, some of the more interesting plants collected last season. My father has been very busy reading the proof and preparing the MS. of Part III of his Catalogue and has had no time for letter writing. Over one hundred pages have gone through the press and next week the grasses will be reached, when my father will write thanking you for your kindness in helping to solve his questions and ask your advice about possible difficulties.

Yours truly Jas. M. Macoun

March 14th 1888

My dear Professor

Please find enclosed the letter just received from Prof. Warming. I make no comments but send the letter and bit of C. pratensis from Greenland. Please return both after you have got through with them

No 1 Was gathered in B. C. 15/6/75 not '87

No 2 My prairie specimens

No 3 My Lake Superior specimens

No 4 My Vancouver Island pratensis.

No 5 My No. 20. referred by you also to Liddoni.

At the present time the Carices are nearly printed off but if you have any further notes I can append them before entering on the grasses.

Very truly yours
John Macoun

Prof. L. H. Bailey
Agricultural College
Michigan

March 14th 1888

My dear Professor

Please find enclosed the letter just received from Prof. Warming. I make no comments but send the letter and list of [illegible] from Greenland. Please return both after you have got through with them.

No 1 Was gathered in B. C. 15/6/75 and '87

No 2 Very [illegible] specimens

No 3 Very [illegible] specimens

No 4 Very ~~[illegible]~~ Vancouver Island [illegible].

No 5 Very No. 22, referred by you also [illegible].

At the present time the Carices are nearly finished but if you have any fruit [illegible] I can append them before entering on the [illegible] names.

Very truly yours
John Macoun

Prof. L. H. Bailey
Agricultural College
Michigan

March 14th 1888

My dear Sir,

Your manuscript in two packets have arri-
-ved. I am very much pleased with it and am
proud to have my name associated with yours in
the work. Your name however will come first in
the title as I will explain in the preface. In the
Century on the way to you, there will be doubtless
numerous mistakes and some additions to the
list. Send these over and any other additions from
additional specimens sent so that we may make
the list as complete as possible. Should your notes
not be ready for the Meeting they can be incorporated
before the printer takes the work in hand which
is usually in the latter part of summer.

I hope to make many discoveries next
summer and expect with odds and ends I can
gather up to make out a large supplement.

March 14th 1888

My dear Sir,

Your manuscript in two packets have come-ed. I am very much pleased with it and am proud to have my name associated with yours in the work. Your name however will come first in the title as I will explain in the preface. In the Century on the way to you, there will be about three numerous mutations and some additions to the list. Send these over and any other additions you may make additional specimens and so that we may make the list as complete as possible. Should your notes not be ready for the meeting they can be incorporated before the Quarterly takes the work in hand which is usually in the latter part of summer.

I hope to make many discoveries and [illegible] and expect with odds and ends I can gather up to make out a large supplement.

I have carefully compared my complete list of Canadian mosses with the list sent and find I can make up nearly another hundred with what is on the way and what is still to go. It is likely I will send you the Second Century for your examination although it will not be issued until next year.

My position has been changed and I am now appointed Botanist and Naturalist to our Dominion so that I shall have more duties and less time but I will devote more of my time to mosses the next two years than to any other branch of botany and I hope that next year we will have many additional species to record.

Very truly yours
John Macoun

Prof. N. C. Kindberg
Linköping
Sweden

I have carefully compared my complete list of Canadian mosses with the list sent and find I can make out nearly another hundred with what is on the way and what is still to go. It is likely I will send you the second Century for your examination although it will not be issued until next year.

My position has been changed and I am now appointed Botanist and Naturalist to our Dominion so that I shall have more duties and less time but I will devote more of my time to mosses the next two years than to any other branch of botany and I hope that next year we will have many additional species to record.

Very truly Yours
John Macoun

Prof. N. C. Kindberg
Linköping
Sweden

March 17th 1888

My dear Sir.

Your letter came over with the first train so it reached me yesterday. Curiously enough, the storm seemed to have spent its force east and west of us but not here. We were very much surprised to learn of its force in other localities so far south of here.

Please accept my thanks for your trouble in examining and naming the specimens sent. I only sent down those I had doubts about. Since I sent the parcel I have only laid aside three or four difficulties. All the Umbelliferae have been named by Prof. Coulter and three new species recorded. The Willows have given Mr. Bebb much satisfaction. Prof. Baily has been making a more careful examination of our Carices and has sorted out a few new varieties, and Dr. Vasey as usual reports many new grasses.

I am well pleased with the work of the past year. Including all orders I have collected nearly 60 species new to Science.

March 11th 1888

My dear Sir.

Your letter came in with the first train to it reached me yesterday. Curiously enough, the Morro occurred to have spent the fore part and most of our last not here. We were very much surprised to learn of its fame in other localities so far south of here.

Please accept my thanks for your trouble in examining and naming the specimens but I only want names where I had doubts about his I sent the former I have only laid aside those on your differentiation. All the probabilities have been named by Prof. Cockes and those were species recorded. The Wilcox have given Mr. Clark much satisfaction. Mr. Bailey has been making a more careful examination of our Unions but has only noted a few new varieties and Dr. Wang as named reports many new forms.

I am well pleased with the work of the past year. Including all orders I have collected many 60 species new to Louisiana.

2

Before spring we will send you down another parcel but there will be only a few for you to examine critically. These I will indicate.

The Bidens is very likely introduced as I obtained it in two places and in both it could have been introduced.

I think you should make two varieties of Boykinia occidentalis and two of Tiarella trifoliata as the two forms of each are quite distinct in habit and general appearance when growing.

Wishing you a prosperous summer and that the fates may allow me to meet you next year

I remain
Very sincerely yours
John Macoun

Dr. S. Watson
Herbarium
Cambridge
Mass.

After spring we will send you some another parcel but there will be only a few for you to examine critically. These I will indicate.

The Pickerel is very likely introduced as a station it is two places and in both it could have been introduced.

I think you should make two variety of Corylus rostrata and two of Pinella hybrids as the two forms of each are quite distinct in habit and general appearance when growing.

Wishing you a prosperous summer and that the fates may allow me to meet you next year

I remain

Very sincerely yours

John Macoun

Dr. S. Watson
Herbarium
Cambridge
Mass.

March 20th 1888

My dear Prof. Bailey

Your note the 17th inst has reached me. The Rocky Mountains and Moose Jaw Creek specimens are the same as no 2.

The Lake Superior specimens I now send together with the one from Northern British Columbia. They are nearly the half of all I have left.

Very truly yours
John Macoun

Prof. L. H. Bailey Jr.
Agricultural College
Michigan

March 26th 1888

My dear Prof. Bailey

Your note of the 17th inst has reached me. The Harley Mountain and Moose Jaw Creek specimens are the same as no. 2.

The Lake Superior specimens I now send together with the one from Northern British Columbia. They are nearly the half of all I have left.

Very truly yours
John Macoun

Prof. L. H. Bailey Jr.
Agricultural College
Michigan

March 20th 1888

Dear Mr. Ellis

Please accept my thanks for the kindly assistance you have given me in my work and rest assured that wherever I may be I will be on the lookout for something may interest you.

Since I wrote last I have been advanced a step and placed at the head of both Botany and General Natural History so that I may have to devote more time to the latter section than I have hitherto done.

I enclose a mould sent the other day by a correspondent. Can you name it?

Very truly Yours
John Macoun

J. B. Ellis Esq
Newfield
N. J.

March 21st 1888

Dear Mr. Ellis

Please accept my thanks for the kindly assistance you have given me in my work and rest assured that whenever I may be I will be on the lookout for anything may interest you.

Since I wrote last I have been advanced a step and placed at the head of both Botany and General Natural History so that I may have to devote more time to the latter section than I have hitherto done.

I enclose a moss sent the other day by a correspondent. Can you name it?

Very truly yours

John Macoun

J. B. Ellis Esq
Newfield
N. J.

March 20th

My Dear Mr. Small

Your note has just reached me. In reply I would refer you to Part III, pp. 482-485 of my Catalogue of Canadian Plants. See No.s 2040 and 2049 for all I know about where the "Basket willows" grow.

That they may be easily grown is certain but [illegible] we have done but little in that line. I believe however that they are more largely grown along the coasts of Quebec and the Maritime Provinces than might be imagined from the few stations I give for them, but the localities mentioned in my Catalogue are the only ones of which I had knowledge.

Yours very Truly

H. B. Small, Esq.
Ottawa.

[illegible] Macoun

Ottawa Mch. 22nd 8

Samuel B. Parish
San Bernardino Cal.
Dear Sir,

Your letter of the 11th inst. addressed to Prof. Macoun at Belleville has been forwarded to him here. He is now Naturalist on the G. & N. H. Survey while I have charge of the herbarium and he has handed me your letter. We shall be very glad to enter into an exchange with you and can offer many rare species. Prof. Macoun collected in the Rocky Mts. in 1885 and on Vancouver Island last season while my own work during the past three years has been on Hudson Bay, so that I think we shall have no difficulty in making up a satisfactory equivalent for the specimens you may be able to supply us with.

Upon the receipt of your lists I shall check off such specimens from Cal. as we have in our herbarium and return

Ottawa Mch. 22nd 8

Samuel B. Parish
San Bernardino Cal.
Dear Sir:

Your letter of the 11th inst. addressed to Prof. Macoun at Belleville has been forwarded to me here. He is now Naturalist on the [illegible] Summer while I have charge of the herbarium and he has handed me your letter. He should be very glad to enter into an exchange with you and can offer many rare species. Prof. Macoun collected in the Rocky Mts. in 1885 and in Vancouver Island last season while my own work during the past three years has been on Hudson Bay, so that I think we should have no difficulty in making up a satisfactory equivalent for the specimens you may be able to supply us with.

Upon the receipt of your list I shall check off such species from Cal. as we have in our herbarium and return

them to you. I send you to-day Prof. Macouns Catalogue of Canadian plants so far as it has been published and you may send me the numbers of the species among your Tridentata or a copy of your herbarium list, any way that is most convenient to you will suit me.

Part II of the Catalogue will be out this spring and will be sent you.

Yours truly
Jas. M. Macoun

March 22nd 8

Prof. N. L. Britton
Columbia College
Dear Sir.

The specimens you sent us some time since have all been mounted and placed in the herbarium and no record was kept of them other than checking them off on our herbarium list, and it will give you too much trouble to work with it, so I suppose you must trust to your memory. We shall be very glad to receive anything you may send as we can depend upon the specimens being correctly named which is not always the case with plants we receive from the U.S.

Yours truly,
Jas. M. Macoun
Curator of Herbarium

March 23rd 8

A.R.C. Selwyn C.M.G., F.R.S., etc.
Director. Geol. & Nat. Hist. Survey

Sir.

In reply to your inquiries regarding the number of birds and mammals in the museum I respectfully submit the following propositions and should I be directed by you to perform the work mentioned therein I shall cheerfully undertake it and carry out to the best of my ability the suggestions offered below.

1. In reference to the collection of birds I would suggest ~~that~~ the whole collection be gone over and any doubtful species identified by specialists.

2. That we adopt the nomenclature of the American Ornithological Union and place a number on each tablet corresponding to theirs until such time as we can have a proper label put on the tablet. The male can be distinguished from the female by a sign.

3. That all the skins – bad and good – now in the hands of the survey should be

8   March 2 '23

R.B.S. Sewell, I.M.S., F.L.S., etc.
Director, Zool. Inst. Survey

Sir.

In reply to your inquiries regarding the number of birds and mammals in the museum I respectfully submit the following suggestions and should I be desired by you to prepare the work mentioned therein I shall cheerfully undertake it and carry out to the best of my ability the suggestions offered below.

1. In reference to the collection of birds I would suggest that the whole collection be gone over and any doubtful species identified by specialists.

2. That we adopt the nomenclature of the American Ornithologists Union and place a number on each ticket corresponding to their until such time as we can have a proper label put on the ticket. The males can be distinguished from the females by a sign.

3. That the white — [illegible] — [illegible]
[illegible]

examined in the same way and properly labelled, and preserved in properly constructed boxes until such time as they may be set-up, or stored as a working collection.

4 When the above work has been done we will know just what species we have represented in the museum, in what condition they are, and what work is still to be done.

5. During the coming spring and summer we can work in a systematic manner and as much can be done as our time and means will permit.

6 What has been said about birds applies equally to mammals and I would suggest the same mode of procedure.

7 That the collection of birds be arranged in the museum in their natural order and all additions be properly registered and placed in the cases.

8. That some one person have charge of all mounted and unmounted skins and be responsible for their safety and proper classification.

Examined in the same way and properly labelled, and preserved in properly constructed boxes until such time as they may be set up, or stored as a working collection.

4 When the above work has been done we will know just what species we have represented in the museum, in what condition they are, and what work is still to be done.

5. During the coming spring and summer we can work in a systematic manner and as much can be done as our time and means will permit.

6 What has been said about birds applies equally to mammals and I would suggest the same mode of procedure.

7 That the collection of birds be arranged in the museum in their natural order and all additions be properly registered and placed in the cases.

8. That some one person have charge of all mounted and unmounted skins and be responsible for their safety and proper classification.

9. That the Residentiarist keep an accou[nt] of all work done and make a report at the end of every week and turn over all work completed during that period to whomever is made responsible.

Very respectfully submitted

[illegible]

[illegible]

March 24th 1888

Dear Mr George

The nuts and note reached me yesterday. Those sent are Walnuts not Butternuts. Walnuts are always round or almost round while butternuts are cone shaped. Any one acquainted with the taste of butternuts would recognize the difference at once by chewing the kernel.

Please remember me to Belleville friends. I may make a flying visit to my old home this spring.

Very truly yours
John Macoun

Rev. J. H. George
Belleville
Ont.

March 24th 1888

Dear Mr Carey

The nuts and note reached me yesterday. These sent are Walnuts not Butternuts. Walnuts are always round or almost round while Butternuts are more elongated. Any one acquainted with the taste of butternuts would recognize the difference at once by cracking the kernel.

Please remember me to Belleville friends. I may make a flying visit to my old home this spring.

Very truly yours
John Macoun

Rev. J. H. Carey
Belleville
Ont.

March 25th 1888

My dear Sir

Your note and Post Office Order reached me a few days since. I thank you for putting confidence in me. It will not be misplaced as I am determined to have my specimens properly authenticated. In the Century just sent there will be mistakes as the species have been determined in most cases some time. Austin, James and Braithwaite are my chief authorities. All that I issue after this will be first examined by Dr. Lindberg and I will give him as my authority. Before making any criticisms on this Century wait until I hear from Lindberg who has three sets now in his hands. When I hear from him I will write you so that you can make any remarks you wish after that. He has sent the Sphagnums to the best specialist in Europe and ~~the~~ Orthotrichum to Dr. Venturi

March 24th 1888

My dear Sir

Your note and Post Office Order reached me a few days since. I thank you for putting confidence in me. It will not be misplaced as I am determined to have my [illegible] papers authenticated. In the Catalog just sent there [illegible] be mistakes as the species have been determined in most cases some time. Curtis, James and Ravenel are my chief authorities. All that I issue after this will be first examined by Dr. Hinckley and I will give him as my authority. Before making any criticisms on this Catalog wait until I hear from Hinckley who has these with me in his hands. When I hear from him I will write you so that you can make any remarks you wish after that. He has sent the photographs to the best specialist in Europe and ~~the~~ Authorities to Dr. [illegible]

so that there will be no doubt as far as European [illegible] is concerned.

The new species and and numerous notes are embodied in a paper which will be read before a meeting of the Royal Society next May. A copy of this paper will be sent to each subscriber, and a description of each new species besides.

I am not going to sell Fungi but if you would like a present of 100 species I will send them to you as I have many duplicates. The tickets will be written. All have been named by Mr. Ellis of Newfield.

Please make no public statement until you hear from me again

Very truly yours
John Macoun

Prof. L. M. Underwood
Syracuse
N. York

to that there will be no doubt as far
as Professor Bergstrom's is concerned.

The new species and and measurements will
are embodied in a paper which will be read
before a meeting of the [illegible] Society next
week. A copy of this paper will be sent to
each subscriber, and a description of each new
species besides.

I am not going to ask [illegible] but
if you would like a present of 100 species I
will send them to you, as I have many du-
plicates. The labels will be written. We have
been named by Mr. Ellis of Newfield.

Please make no public statement
until you hear from me again.

Prof. J. M. [illegible] Very truly yours
[illegible] [illegible]

Mr. Samuel Herring
Taxidermist

Dear Sir.

In accordance with instructions received from Dr. Selwyn I am about to make a complete Catalogue of all bird skins, mounted or otherwise that may be in the museum and shall be glad if you will hand to my son the keys of the cases containing the specimens that have been already set up. You will oblige me also if by not later than Wednesday you have sorted all bird skins ~~at~~ in your possession dividing the good from the bad, so that a list may be made of them. I shall ask you for the skins Wednesday evening.

Yours Truly
John Macoun
Naturalist

App^d: Alfred R. C. Selwyn
26. [illegible]. 88

Mr. Samuel Henshaw
[illegible]
Boston.

In accordance
with instructions received from Dr. [illegible]
I am about to make a complete catalogue
of all bird skins, mounted or otherwise
that may be in the museum and
should be glad if you will send to me
some of the cases containing
the specimens that have been already
set up. You will oblige me also if
by next [illegible] Wednesday you have
sorted all bird skins ~~[illegible]~~ in your
possession, dividing the [illegible] from the
rest, so that a list may be made
of them. I should ask you for the skins
Wednesday morning.

Yours truly,

~~Assistant~~

Copy: [illegible]
26. 2. 88

March 29th 1888

W. C. Vanhorne C. E.
Vice President C. P. R.
Sir

I have read both your own note and that of the Rev. Mr. Green, and in answer I may state that personally I know nothing of the Rev. gentleman, but believe in his scheme.

Bear with me while I make an explaination. In the autumn of 1884 I accompanied the members of the British Association to the Rocky Mountains and climbed a mountain at Kicking Horse Lake. A brother of Sir John Bangmore and a cousin to Mr. Green left us and went by the "Tote Road" to Onderdonk's Contract and so to the coast. In the summer of 1885 I was again in the mountains and explored

March 29th 1888

W. C. Van Horne Esq.

Vice President C. P. R.

Sir

I have read both your note and that of the Rev. Mr. Green, and in answer I may state that personally I know nothing of the Rev. gentleman but believe in his scheme.

Bear with me while I make an explanation. In the autumn of 1884 I accompanied the members of the British Association to the Rocky Mountains and climbed a mountain at Kicking Horse Lake. A brother of his Father Surgeon and a cousin to Mr. Green left us and went by the "Yale Road" to Onderdonk's contract and so to the coast. In the summer of 1885 I was again in the mountains and explored

some of the mountains at Rogers Pass. While in England in 1886 Sir William Dawson read a paper on the Rocky Mountains before the Geographical section of the British Association and I was invited to make some remarks. I told of our Alpine wonders and said there was no comparison between our mountains and those of Switzerland. I was supported by members I had coached two years before so that we raised quite a stir. An attempt was then made to get funds but none could be obtained.

Out of this has sprung the desire of Mr. Green. I have already told him the ease with which access can be had to the glaciers and many fine mountains and told him that our plan of exploration did not contemplate the climbing of mountains as a part of our work, but did advise him to state his case to you, and state in brief what he wanted and what he proposed to do.

As you are aware I am enthusiastic about our noble western country and for years have advocated its claims. Prior to 1884 I had discovered that Englishmen (I am Irish) put faith in the statements of other Englishmen and so in that year I carefully <u>coached</u> a number of the gentlemen and they have been giving <u>their</u> ideas of our north west, in many ways, ever since. Two years since in London I went through the same performance and it took well. We had lots of <u>professors</u> before our maps who aired themselves to our advantage.

Taking the same view I would help Mr. Green, knowing full well that every thing he says will have weight while what Canadians may say or you may publish will be discounted.

Very respectfully yours

John Macoun

W. C. Vanhorne Esq.
Vice President, C. P. R.
Montreal.

As you are aware I am enthusiastic about our north western country and for years have advocated its claims. Prior to 1884 I had discovered that Englishmen (I am Scotch) put faith in the statements of other Englishmen and so in that year I carefully coached a number of the gentlemen and they have been giving their ideas of our north west, in many ways, ever since. Two years since in London I went through the same performance and it took well. We had lots of [illegible] before we might use said themselves to our advantage.

Taking the same view I would hope Mr. Green, concerning just such that very thing he says will have weight while what Canadians may say or you may publish will be disregarded.

Very respectfully yours
John Macoun

W. C. Van Horne Esq.
Vice President, C.P.R.
Montreal.

March 29th 1888

My dear Sir

Your note and the Photograph of your father have both been received and I thank you most heartily for both especially on account of my desire to see your father.

My son will send the three parts shortly after this reaches you. I am very glad you had such a good time in Europe and I assure you I had a splendid time on the west coast and as usual made very fine collections. I discovered many new species but none of any particular beauty. Grasses, mosses and Liverworts were the chief. There are many beautiful bulbous plants around Victoria which are well worthy of cultivation. Bulbs of many of them were collected for the Experimental Farm and Garden where I hope they will be propagated. If you want any of the Vancouver Island plants write to Mr.

March 25th 1888

My dear Sir

Your note and the Photograph of your father have both been received and I thank you most heartily for both especially on account of my desire to see your father.

My son will send the three parts shortly after the examination over. I am very glad you had such a good time in Europe and I assure you I had a splendid time on the west coast and we made very fine collections. I discovered many new species but none of any particular beauty. Grasses, mosses and liverworts were the chief. There are many beautiful bulbous plants around Victoria which are well worthy of cultivation. Bulbs of many of them were collected for the Experimental Farm and Garden where I hope they will be propagated. If you want any of the Vancouver Island plants write to me.

Henry King, Victoria V. I and ask him to send you bulbs of the beautiful Lilies and Onions and other bulbs found around Cedar Hill. I am quite sure he will get you many nice things. Should you go west this summer communicate with me before you go and I may be able to tell you where to look for nice things.

I have been appointed Naturalist and after this will have the oversight at any-rate of all the branches. At present I am Cataloguing the birds.

Wishing you every blessing
I am truly yours
John Macoun

James Goldie Esq
Guelph
Ont.

Henry Tring, Victoria B.C. and ask him to send you bulbs of the beautiful Lilies and Camas and other bulbs found around Cedar Hill. I am quite sure he will get you many nice things. Should you go west this summer communicate with me before you go and I may be able to tell you where to look for nice things. I have been appointed Naturalist and after this will have the oversight at any rate of all the Branches. At present I am Cataloguing the Birds.

Wishing you every blessing
I am truly yours
John Macoun

James Goldie Esq
Guelph
Ont.

March 29th 1888

My dear Sir

Your note with enclosure has reached me. I have carefully gone over all the corresponding and believe you are right about C. Liddoni and C. pratensis in the main although I feel we need more material before we can speak with certainty regarding them.

Carex is now nearly through the press and the grasses will wind me up this time. I have been promoted and am now Naturalist so that my field has widened considerably.

Very truly yours
John Macoun

Prof. W. H. Barley
Agricultural College
Michigan

March 23rd 1888

My dear Sir

Your note with enclosure has reached me. I have carefully gone over all the correspondence and believe you are right about C. [illegible] and C. [illegible] in the main although I feel we need more material before we can speak with certainty regarding them. Snow is now nearly through the pass and the season will send me up the time. I have been promoted and am now Naturalist so that my field has widened considerably.

Very truly yours
John Macoun

Prof. W. J. Beal
Agricultural College
Michigan

March 31st 1888

Mr. S. Herring

Sir

I am instructed by the Director (Dr. Selwyn) to inform you that he desires you to brush off, at once, the dust on all the mounted specimens placed by you outside of your room on Thursday last.

After this is done we will see how many are fit to be placed in the cases and then be able to say what will be done with the others.

Do this the first thing this morning and oblige

Yours &c.

John Macoun

Naturalist

March 31st 1888

Mr. J. Fleming

Sir

I am instructed by the Director (Dr. Schomburgk) to inform you that he desires you to brush off, at once, the dust on all the mounted specimens placed by you outside your room on Thursday last.

After this is done we wish to know how many are fit to be placed in the case and then be able to say what will be done with the others.

Do this the first thing this morning and oblige

yours &c

Edwd Mason

Naturalist

March 29th 1888

My dear Sir

Your note of the 19th inst has been received and in answer I may state that I will collect Myriopoda with pleasure the coming spring and summer.

This year I expect to be in our eastern provinces and indeed will be here until the middle of June so that I may get many species around here. Please drop me a line telling me how to collect and where to look for specimens and I will try what I can do.

Very truly yours
John Macoun

C. H. Bollman Esq
Indiana University
Bloomington
Ind.

March 29th 1888

My dear Sir

Your note of the 19th inst has been received and in answer I may state that I will collect Myriapoda with pleasure the coming spring and summer.

This year I expect to be in our western provinces and indeed will be here until the middle of June so that I may get many specimens around here. Please drop me a line letting me know how to collect and where to look for specimens and I will try what I can do.

Very truly yours
Jas. M. Macoun

C. H. Bollman Esq
Indiana University
Bloomington
Ind.

March 29th 1883

My dear Sir

The beautiful Century of Fungi came safely the other day and gave me great pleasure and taught me a lesson in putting up fungi. As soon as I can find time I will put up all our Canadian species, now in my possession, in the same way.

Thanks for the kindly reference to my appointment and for the name of the Morel. I am now cataloguing our birds so that we may collect material this spring and summer. We have nearly 400 species of birds in our museum, including skins not mounted.

Very truly yours
John Macoun

J. B. Ellis Esq
Newfield
N. J.

March 29th 1888

My dear Sir

The beautiful Century of Fungi came safely the other day and gave me great pleasure and taught me a lesson in putting up fungi. As soon as I can find time I will put up all our Canadian species now in my possession, in the same way.

Thanks for the kindly reference to my appointment and for the name of the Mould. I am now Catalogueing our birds so that we may collect material this spring and summer. We have nearly 400 species of birds in our Museum, including others not mounted.

Very truly yours
John Macoun

J. B. Ellis Esq
Newfield N.J.

March 29th 1888

My dear Sir

I duly received your note and the moss which is named Mucor mucedo; L. or Ascophora mucedo which amounts to the same.

The Xyris bulbosa of Nova Scotia is Xyris flexuosa ~~bulbosa~~ Var. pusilla and equals X. Caroliniana, Pursh in part and is likely the same as the Maine plant.

Since I wrote last I have been promoted and am now botanist and naturalist and am at the head of the natural History & section of our survey. I am putting the birds in order now and may show Mr. Chamberlain that we know something about birds. We have really nearly 400 mounted specimens here and about as many unmounted, although we are supposed to have done nothing. I sent

March 29th 1888

My dear Sir

I duly received your note and the mucor which is named Mucor mucedo; it [illegible] mucedo which amounts to the same.

[illegible] [illegible] [illegible] of [illegible] in [illegible] ~~[illegible]~~ [illegible] and [illegible] [illegible] and is likely the same as the Maine plant.

Since I wrote last I have been promoted and am now botanist and naturalist and am at the head of the Natural History [illegible] to own money. I am putting the birds in order now and may show Mr. Chamberlain that we know something about birds. We have really nearly 400 mounted specimens but about as many unmounted, although we are supposed to have done nothing. I send

paper to you yesterday with a notice of my appointment.

Very truly yours
John Macoun

James Vroom Esq.
St. Stephen
N. B.

March 31st 8

My Dear Dr. Burgess

I shall be very glad indeed to collect for you next season no matter what part of the country I may be in but am afraid that if it be James Bay, the material I could procure for you would not be of much value. I noted no violets last year and but three species of ferns around the bay, although I have no doubt that the wooded country around the lower part of the bay contains the usual number of Aspidiums, Aspleniums, etc but I sailed from Moose Factory up the bay touching only on islands until Fort George was reached situated near the tree limit and at this place Aspid. spinulosum var. dilatatum was the only fern in the woods. I collected at this place also one specimen of Botrychium ternatum. On all the

March 31st 8

My Dear Dr. Burgess

I should be very glad indeed to collect for you next-season no matter what part of the country I may be in but once again that if it be of some day, the material I could procure for you would [illegible] be of much value. I wish we visited last year and that these species of ferns around the bay, although I have no doubt that the wooded country around the lower part of the bay contains the usual numbers of Aspleniums, Aspidiums, etc but I sailed from Moose Factory up the bay travelling only on islands which but these were reached. Botanists were the the limit one at this place before. Specimens or Botanists were the only fern in the woods. I collected at this place also some specimens of Botrychium ternatum. On all the

islands of James Bay, Botrychium Lunaria is very common, growing in sand, when I say growing in sand I had better explain that I mean neither blown sand nor sandy soil. Along the shore are innumerable sand dunes a few yards apart and on the level hard sand behind them the fern grows. I am particular about this as its habitat was quite different from what I had seen it growing in, in other localities. My father's appointment as naturalist has put a lot of new work on our shoulders but we have it well in hand. My father will write in a day or two.

Yours truly
Jas. M. Macoun.

A. R. C. Selwyn C. M. G.
Director of Geol. & Nat. Hist. Survey
Sir

Below find a complete Synopsis of the state of the Ornithological Section of the Museum, including a complete catalogue of the birds of Canada as far as known.

Specimens mounted.

In cases	391
Not in cases	38
Total	429

Species mounted

In cases	266
Not in cases	16
Total	282
Total unmounted skins	352
Species represented	170
Species unmounted	57

Species of birds mounted	282
Unmounted	57
Total species in collection	339

Total birds observed in Canada	560
Total in collection	339
Not in collection	221

Respectfully submitted
John Macoun
Naturalist

A. R. C. Selwyn LL.D.
Director of Geol. & Nat. Hist. Survey

Sir

Below find a complete synopsis of the state of the Ornithological Section of the Museum including a complete catalogue of the birds of Canada as far as known.

Specimens mounted.

In case		371
Not in case		56
Total		427

Species mounted

In case		266
Not in case		16
Total		282
Total unmounted skins		352
Species represented		170
Species unmounted		57

Species of birds mounted		282
unmounted		57
Total species in collection		339

Total birds observed in Canada		560
Total in [illegible]		339
Not in collection		221

Respectfully submitted
John Macoun
Naturalist

April 3rd 1888

Mr. Samuel Herring

Sir

I am instructed by the Director (Dr. Selwyn) to inform you that henceforth you will be expected, and are hereby required, to render a complete account of all work done during the month. The first report will be required on the first day of May next ensuing.

With this you will receive a dozen skins either to mount or prepare for the drawers where the unmounted skins will be stored. As you need further material it will be supplied promptly when asked for.

Yours very truly

John Macoun

Naturalist

April 3rd 1888

Mr. Samuel Herring

Sir

I am instructed by the Director (Dr. Selwyn) to inform you that hereafter your will be expected, and are hereby required to make a complete account of all work done during the month. The first report will be required on the first day of May next ensuing.

With this you will receive a drying press within to mount or prepare for the drying when the unmounted plants will be placed. As you need further material it will be supplied promptly when asked for.

Yours very truly

John Macoun

Naturalist

Ottawa Apl. 3rd 8

Mr. J. W. Chickering
Dear Sir,

Your parcel of plants reached me this morning. I have not looked over them yet but write at once to advise you of their safe arrival as the parcel has been some time on the road. My father was appointed naturalist a few weeks since and we have been working at Ornithology instead of botany for some time and a great deal of work will still be required to put things in good order, so that I shall have no time to get out plants but you may expect my packet about the end of this month. With many thanks for your favor believe me

Yours truly
Jas. M. Macoun

Ottawa Apl. 3rd '8

Mr. J. W. Crichmay

Dear Sir.

Your favor & plants reached me this morning. I have not looked over them yet but write at once to advise you of their safe arrival as the parcel has been some time on the road. The fellow was appointed ~~naturalist~~ a few weeks since and as there have been revisions at Washington finished & lettering for some time and a great deal of work will still be required to put things in good order, so that I shall have no time to get out plants that you may want very greatly about the end of this month. With many thanks for your favor believe me

Yours truly

J. M. Macoun

April 4th 1888

Dear Prof. Lawson

Your note with enclosure reached me in due time and with this mail I forward the Century of mosses. In the course of a few days I will have the criticisms of Prof. N. C. Kindberg on them and will forward to you his corrections without delay.

No plants will be collected for sale by any employee of this department and none will be sold except the Mosses, Liverworts and Lichens. and these only in a limited number of sets.

This fact, however, need not prevent you from obtaining what you want from us as an application to Dr. Selwyn for a series of our duplicates from certain localities will be honored at once by Dr. Selwyn ordering me to assist you in every way possible. On the receipt of this communicate with Dr. Selwyn and state clearly how we can further your wishes and we will do

April 4th 1888

Dear Prof. Cowen

Your note with enclosure reached me in due time and with this mail I forward the Century of mosses. In the course of a few days I will have the criticisms of Prof. N. C. Kindberg on them and will forward to you his corrections without delay.

No plants will be collected for sale by any employee of this department and none will be sold except the Museum, Universities and Colleges and these only in a limited number of sets.

This fact, however, need not prevent you from obtaining what you want from us as an application to Dr. Selwyn for a series of our duplicates from certain localities will be honored at once by Dr. Selwyn ordering me to assist you in every way possible. On the receipt of this communicate with Dr. Selwyn and state clearly how we can further your wishes and we will do-

so gladly. I expect to collect this summer on Prince Edward Island and should you desire any-thing from there let me know as I will be most happy to oblige you.

At the coming meeting of the Royal Society I will read a paper on Canadian Mosses which will include the description of over 40 species new to science and the record of many new to America. Dr. Kindberg supplies the critical notes and descriptions and I the localities &c.

I am getting the Liverworts monographed by Mr. Pearson of Manchester England and he reports many new species also.

Mrs. Macoun and family are all in excellent health and should you be up at the coming meeting I hope you will honor us with a short visit so that we may have at least a few minutes for a retrospect.

Very sincerely yours
John Macoun

Prof. George Lawson
Dalhousie College
Halifax N.S.

do gladly. I expect to collect this summer on Prince Edward Island and should you desire any thing from there let me know as I will be most happy to oblige you.

At the coming meeting of the Royal Society I will read a paper on Canadian Mosses which will include the descriptions of over 40 species new to science and the record of many new to America. Dr. Kindberg supplies the Latin notes and descriptions and I the localities &c.

I am getting the Hepaticae monograph by Mr. Pearson of Manchester England and he reports many new species also.

Mrs. Macoun and family are all in excellent health and should you be up at the coming meeting I hope you will favor me with a short visit so that we may have at least a few minutes for a talk.

Very sincerely yours
John Macoun

Prof. George Lawson
Dalhousie College
Halifax N.S.

April 4th 1883

My dear Sir,

Both your letters and the parcel of grasses have reached me. I will return the grasses when I have got through the order. I have written very little for some weeks but am still ahead of the printer. We have now 144 pages struck off and I do believe it will take another hundred pages to finish. I shall only write to the end of the grasses.

I will put all Vasey's changes in except in any place where I may consider him astray in which case I will notify you.

None of the manuscript of the grasses has yet gone to the printer and your notes will be included before it leaves. You have seen that I have been permitted to Naturalist with the rank of Assistant Director. This means more time given to other branches of Natural Science and less to botany. I catalogued the birds last week.

Very truly yours
John Macoun

T. J. W. Burgess M.D.
Hamilton
Ontario

April 4th 1882

My dear Sir,

Both your letter and the parcel of proofs have reached me. I shall return the proofs when I have got through the index. I have written very little for some weeks but am still about [illegible]. We have now 160 pages struck off and I believe it will take another hundred pages to finish. I shall only write to the end of the [illegible].

I will put all Haug's changes in except in any place where I may consider him wrong, in which case I will notify you.

None of the manuscript of the proofs has yet gone to the printer and your notes will be included before it comes. You have seen that I have been favoured to [illegible] with the work of Sanskrit [illegible]. This man [illegible] to [illegible] [illegible] [illegible] [illegible] the [illegible] last month.

Very truly yours
[illegible]

[illegible] Ph.D.
[illegible]

April 4th 1883

D. N. St. Cyr F.R.S.C.

Dear Sir

I have been appointed Naturalist to the Geological and Natural History Survey and purpose during the ensuing spring to take the field in this vicinity.

You will oblige me very much, by obtaining from the proper officer, a permit to shoot birds for scientific purpose, outside of the legal time in the Province of Quebec.

I want the permission for self and assistant to obtain birds for the National Museum in Ottawa.

Very truly yours

John Macoun

April 4th 1883

O. R. H. Esq P. M. B.C.

Dear Sir

I have been appointed Naturalist to the Geological and Natural History Survey and purpose during the coming spring to take the field in this vicinity.

You will oblige me very much, by obtaining from the proper offices, a permit to shoot birds for scientific purposes, outside of the legal time in the Province of Quebec.

I want the permission for self and assistant to obtain birds for the National Museum in Ottawa.

Very truly yours

John Macoun

April 4th 1888

The Honorable James Ross
Minister of Education

Sir.

I have lately been appointed Naturalist to the Geological and Natural History Survey of Canada and am about to commence my duties by making a local collection of the birds of Ontario as far as my time and other duties may permit.

Not being aware to whom to apply for permission to shoot small and other birds out of season I have written to you because you are acquainted with me. I wish for permission for myself and assistant as he will do the most of the field work.

Very respectfully yours
John Macoun
Naturalist

April 4th 1888

The Honorable James Ross
Minister of Education
Sir.

I have lately been appointed Naturalist to the Geological and Natural History Survey of Canada and am about to commence my duties by making a large collection of the birds of Ontario as far as my time and other duties may permit.

Not being aware to whom to apply for permission to shoot some and other birds out of season I have written to you because you are acquainted with me. I wish for permission for myself and assistant as he will do the most of the field work.

Very respectfully yours
John Macoun
Naturalist

April 4th 1888

My dear Sir

Your letter of Feb. 21st has lain too long unanswered. Please excuse me on account of constant employment.

We will get a better insight into the oaks next autumn. Try and get the acorns attached to the branch, including the leaves.

Try and get specimens of both Erigerons this summer. If the flowers obtained in September are not autumn and hence depauperate specimens of E. bellidifolius you have found a new <u>species</u>. Settle the matter this summer by visiting the place early in June or late in May.

Should I get up to London next autumn I will certainly pay you a visit at once. Part IV has reached its 144th page so you see we are moving. The Artemisia sent is possibly A. procera, Willd. This species has escaped from gardens at

April 4th 1888

My dear Sir

Your letter of Feb. 27th has been too long unanswered. Please excuse me on account of constant engagements.

We will get a better insight into the oaks next autumn. Try and get the same attached to the boards, including the base.

Try and get specimens of both [illegible] this summer. If the forms obtained in September are not autumnal and have [illegible] specimens of C. [illegible] you have found a new species but settle the matter this summer by visiting the place early in June or late in May.

Should I get up to Canada next autumn I will certainly pay you a visit at once. But it has reached its 114th page or upon the [illegible] morning. The [illegible] about is [illegible] C. [illegible] Wells. This species has escaped from gardens at-

41

Buffalo Bay says it is a finer leaved and less shrubby than A. abietinum.

Wishing you every success in your collecting the coming summer

I remain yours very truly

John Macoun

J. Dearness Esq
County School Inspector
London
Ont.

Buffalo. They say it is a 'joint cancer'
and he should then be abstemious.
Wishing you every success
in your conducting the coming examination
I remain yours very truly
Ethel Macoun

J. Dearness Esq
County School Inspector
London
Ont.

April 4th 1888

My dear Sir

A few days since I forwarded to your address one ~~species~~ century of Canadian mosses. I was desired to do this by Prof. Coulter.

Please forbear any criticisms until after I send you the corrections forwarded to me by Dr. Hindberg of Linköping, Sweden. This gentleman is working over all my Canadian Collections and next month a paper will be read by me in which he describes over 40 species of Mosses new to ~~[illegible]~~ science and numerous varieties of well known species. He is correcting some of the work of Lesquereux and James and you may be in a position to support or condemn him when you see the determinations he has made.

Very truly yours
John Macoun

Prof. Charles R. Barnes
Lafayette, Ind.

P. S. I send the [illegible] [illegible]

April 4th 1888

My dear Sir

A few days since I forwarded to your address one [illegible] of Canadian moss. I was desired to do this by Prof. Coulter. Now before any collections [illegible] I send you the [illegible] forwarded to me by Dr. [illegible] of Heidelberg, Sweden. This gentleman is working over all my Canadian collections and next month a paper will be read by me in which he describes over 40 species of Mosses new to science and numerous varieties of known species. He is [illegible] some of the [illegible] of Lesquereux and James and you may be in a position to [illegible] when you see the determinations he has made.

Very truly yours
John Macoun

Prof. Charles R. Barnes
Lafayette, Ind.

F

April 4th 1888

Dear Mr. Chamberlain

I have had the pleasure of receiving both your
works and both your letters. I have much to say and
yet perhaps little said is the best. Since the receipt
of your first letter I can better understand your
preface and hence do not say what I might have
said had I not received it. The perusing of the first
page of your preface settled the question of our support
but your letter explains the third paragraph, which I
certainly took exception to. I wondered why your pitcher
into us and asked to be placed on our staff. that
was hardly diplomatic as we could only defend our
-selves by denying your statements. I wondered why
you never said a word about my prairie, Rocky Moun-
-tains, and Vancouver Island work and the large collections,
we have here. We have in reality 338 species of Canadians
birds in our collection and over 800 skins. This is
certainly a good beginning. You see then that our defence
was a good one. You will be better able to judge of the
accuracy of Mr. Fanning's statements when you see

April 4th 1888

Dear Mr. Chamberlain

I have had the pleasure of receiving both your works and both your letters. I have much to say and yet perhaps little said is the best. Since the receipt of your first letter I can better understand your purpose and hence do not say what I might have said had I not received it. The perusing of the first page of your paper settled the question of our support but your letter explains the third paragraph, which I certainly took exception to. I understand why you pitched into us and asked to be placed on our staff. That was hardly diplomatic as we could only defend our-selves by denying your statements. I understand why you never said a word about my paper, Dudley Moun-tain, and Chemung Island woods and the Lepidoptera we have here. We have in reality 335 species of Geometrina taken in our collection and over 800 species. This is certainly a good beginning. You see then that our defence was a good one. You will be better able to judge of the accuracy of Mr. Brunning's statements when you see

his collection next spring. You remember that I told
you in the autumn that I had observed 120 species of
birds on Vancouver Island last summer. This knowledge
would have been at your service if you had asked for it.
My reason for writing as above is to show you that under
the circumstances I had no alternative but to defend
myself as field naturalist by stating the facts.

Your catalogue is certainly a useful
and valuable addition to our ornithological knowledge
and I am using it in connection with the
A. O. U. Check List in rearranging our birds. I have
a manuscript catalogue of my own based on the
Check list which contains 560 species or subspecies.
It is much easier to criticise a work than to write it
and hence I have no adverse criticism to make for as you
say in the preface you included everything you knew
of the species and you clearly state you left out the
synonymy and other technicalities on purpose so
that what I might call defects are intentional or
because you wanted the information.

I am very glad indeed that you have

his collection next spring. You remember that I told you in the autumn that I had observed 120 species of birds on Vancouver Island last summer. This knowledge would have been at your service if you had asked for it. My reason for writing as above is to show you that under the circumstances I had no alternative but to defend myself as field naturalist by stating the facts.

Your catalogue is certainly a useful and valuable addition to our ornithological know-ledge and I am using it in connection with the A. O. U. check list in rearranging our birds. I have a manuscript catalogue of my own based on the Check List which contains 560 species or subspecies. It is much easier to criticise a work than to write it and hence I have no adverse criticisms to make for as you say in the preface you included everything you knew of the species and you clearly state you left out the synonymy and other technicalities on purpose so that what I might call defects are intentional as because you wanted the information.

I am very glad indeed that you have

publishing the catalogue as it will save me the trouble until I get a more complete knowledge of our birds in their homes.

My son has already written after each species the naturalist who named it and the chief synonymy and in the margin the kind of specimens in our collection so that your book is already a compendium of our Museum and a handy book of reference to our collection and by means of it we speak of both the old and new or biological arrangement.

By the fact of my being appointed Naturalist to the Survey, the superintendence of the Natural History work falls to me and I assure you that no matter how much reason you had for thinking we were doing nothing in the past, you will not be able to say so in the future as I am going to shake up the dry bones.

Your systematic catalogue is also a valuable work and I wish you every success in your undertakings. Any notes or other matters

publisher the Catalogue as it will take me the trouble until I get a more complete knowledge of our Birds in their homes.

My son has already written after each species the naturalist who named it and the chief synonymy and in the margin the kind of specimens in our collec-tion so that your book is already a compendium of our museum and a handy book of reference for our collections and by means of it we speak of both the old and new or biological arrangement.

By the fact of my being appointed Naturalist to the Survey, the professorship of the Natural History will fall to me and I assure you that no matter how much reason you had for thinking we were doing nothing in the field, you will not be able to say so in the future as I am going to shake up the dry bones.

Your systematic Catalogue is a very valuable work and I wish you every success in your undertakings. Any notes or other matter

which I may have that would be of use to you, you can always expect to receive. In no case will I do anything that may hinder you from working up our ornithology that is not inconsistent with my duty.

I am very glad to learn that you are going to British Columbia next summer. Either when you are passing through here or if not you will communicate with me by letter I may be able to give you some hints that may be useful. I know one half of Vancouver Island pretty well and how to travel in it which is something. I expect to spend this summer on Prince Edward Island and will be glad if you give me a few pointers on what to observe in the bird line. I will be glad of any advice or assistance you can render me and will be delighted to assist you in any way I can.

I remain very sincerely yours

John Macoun

M. Chamberlain Esq
St. John N. B.

which I may have that would be of use to you you can always expect to receive. In no case will I do anything that may hinder you from working up an constituency that is not inconsistent with my duty.

I am very glad to learn that you are going to British Columbia next summer. But when you are passing through here or if not you will communicate with me by letter I may be able to give you some hints that may be useful. I know one half of Vancouver Island pretty well and never to travel in it which is something. I expect to spend this summer on Prince Edward Island and will be glad if you give me a few particulars on [illegible] to [illegible] in the field [illegible]. I will be glad of any advice or assistance you can render me and will be delighted to assist you in any way I can.

I remain very truly yours
John Macoun

Chamberlain Esq
St. John N.B.

April 6th 1888

Dear Dr. Yates

Your note has just reached me. I thank you very much for the offer of the exchange of our botanical work. With this I forward the three parts already published. Part IV is now going through the press.

I am waiting patiently for your work to appear as we are very deficient in fern literature in Canada. Please let me have a copy of your remarks on Burgess & Macoun's fern paper.

I will be most happy to sign my name to your application for membership in the Linnean Society of London and afterwards forward it to Mr. Baker to whom I am personally known.

Very truly yours
John Macoun

Dr. Lo. G. Yates
Santa Barbara
California

P.S. We have a small collection of exotic ferns. Let us know the Canadian ferns you desire.
J.M.

April 6th 1888

Dear Dr. Yates

Your note has just reached me. I thank you very much for the offer of the exchange of our botanical works. With this I forward the three parts already published. Part IV is now going through the press.

I am waiting patiently for your work to appear as we are very deficient in fern literature in Canada. Please let me have a copy of your remarks on Lawson & Macoun's fern papers.

I will be most happy to enter my name to your application for membership in the Linnean Society of London and afterwards forward it to Mr. Baker to whom I am personally known.

Very truly yours
John Macoun

Dr. L. G. Yates
Santa Barbara
California

P.S. We have a good collection of exotic ferns.
Let us know the Canadians you desire.
J. M.

April 6th 1888

Dear Dr. Merriam

You have doubtless seen Mr. Chamberlain's books and his statements about the poor work done by Canadians generally. I have no complaints to make except to say that all _we_ know is not in his books. I have just read Mr. Allen's strictures on the formation of a Canadian Ornithological Society and agree fully with him that such a society is out of the question. Mr. Allen seems to believe that Mr. Chamberlain pricked the bubble, I go further and say that Mr. Chamberlain _made_ the bubble and then _pricked_ his own work.

I have done more Ornithological work in Canada than any other single man and ought to know something about our birds but your people are ignorant of this and cannot be blamed but it is otherwise with Canadians.

You know something of the work I have accomplished in botany and for years I have been

April 6th 1888

Dear Mr. Merriam

You have doubtless seen Mr. Chamberlain's letter and his statement about the [illegible] work done by Canadians generally. I have no complaints to make except to say that all my [illegible] is not in his letter. I have just read Mr. Allen's strictures on the formation of a Canadian Ornithological Society and agree fully with him that such a society is out of the question. Mr. Allen seems to think that Mr. Chamberlain finished the battle, I go further and say that Mr. Chamberlain made the trouble and then finished his own work.

I have done more Ornithological work in Canada than any other single man and ought to know something about our birds but your people are ignorant of this and cannot be blamed but it is otherwise with Canadians.

You know something of the work I have accomplished in botany and for years I have been

gathering notes about our birds with the
intention of publishing a complete catalogue
of our birds and including at the same time
their lines of migration and haunts for nesting
purposes.

Last December I was appointed Naturalist
to our Survey and have now entered upon my
duties. My first work was to arrange our mounted
birds and catalogue them this I have done and our
collections is now arranged and named according
to the A.O.U. Check List. We have 339 species and
in all nearly 1000 skins mounted and unmounted.

This summer I will devote much time to
birds and would be glad if you would put me
in communication with some one to whom I could
refer any of my difficulties and to whom I could
send skins without the risk of losing them. In past
times some of your people forgot to either name or return
skins sent from this city.

I am very sorry Mr. Chamberlain
took the course he did as we all in Ottawa

gathering notes about our birds with the intention of publishing a complete catalogue of our birds and including at the same time their time of migration and haunts for nesting purposes.

Last December I was appointed Naturalist to our [illegible] and have since acted upon my duties. My first work was to arrange our mounted birds and catalogue them this I have done and our collection is now arranged and named according to the A. O. U. Check List. We have 339 species and in all nearly 1000 skins mounted and unmounted. This summer I wish to make more [illegible] to birds and would be glad if you would put me in communication with some one to whom I could refer any of my difficulties and to whom I could send skins without the risk of losing them and get them named if you prefer [illegible] either name a skin [illegible] sent from this city.

I am very sorry Mr. Chamberlain [illegible] has died as we all [illegible] Ottawa

know his shafts were levelled at us.

As I am now in charge of our whole Natural History you may expect to get more information regarding Mammals than I have hitherto given you. I have a large collection of snakes and other reptiles from Vancouver Island which I would like to submit to some authority in America. Can you suggest such an one?

Wishing you every possible blessing

I remain

Very truly yours

John Macoun

Dr. C. Hart Merriam

Washington D.C.

known his skulls were located at no.

As I am now in charge of our whole Natural History you may expect to get more information regarding Mammals than I have hitherto given you. I have a large collection of Insects and other objects from Vancouver Island which I would like to submit to some authority in America. Can you suggest such an one?

Wishing you every success I remain

Very truly yours
John Macoun

Dr. C. Hart Merriam
Washington D.C.

April 9th

Dear Sir

Prof. Macoun desires me to thank you for your great kindness in procuring for him the lichens [illegible] short notice, [illegible] my [illegible] [illegible] [illegible] have been [illegible] [illegible] [illegible] at Natural [illegible] [illegible] [illegible] botany and I have had no time to get out more specimens [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible] [illegible]

[illegible]

April 11th 8

Mr. A. A. Simonds
Oakland. Cal.
Dear Sir.

I shall be glad to collect for you next season but in the meantime I think I can furnish you with specimens of nearly all species growing around James Bay, of the order in which you are particularly interested. I shall be too busy with this work however for some weeks, to look over our duplicates but before I leave Ottawa for the field I shall find time some way to send you specimens of all species of which we have duplicates. I shall include a full series of our forms of Campanula rotundifolia with which we have always had trouble [illegible] our James Bay form is var. arctica without doubt. I will mail you to-day Part II of my fathers Catalogue of Canadian Plants, and will send you the other parts if you desire them.

Yours Truly
Jas. M. Macoun.

April 1917 9

Mr. C. A. [illegible]
Oakland, Cal.

Dear Sir:

I should be glad to collect for you next season but in the meantime I think I can furnish you with specimens of nearly all species occurring around [illegible] Bay of the order in which you are particularly interested.

I shall be too busy with this work however for some weeks, to look over our Scolytids but before I leave Ottawa for the field I shall find time some day to send you specimens of all species of which we have duplicates. I shall include a full series of our forms of [illegible] [illegible] which we have always had trouble [illegible]. Our [illegible] Bay form is [illegible] [illegible]. I will send you, too, Part II of my [illegible] Catalogue of Canadian [illegible]; and will send you the [illegible] [illegible] these.

Yours truly,
J. M. Swaine.

Ottawa Apl. 12th 8

Prof. N. L. Britton
Columbia College
Dear Sir

Many thanks for your packet of plants which reached me to-day. It contains many species not represented in our U.S. collections and the other specimens will all be utilized in filling up sheets. Your packet was the first that we have received since the new law came into force, we have for a number of years been able to send specimens to the U.S. at the rate of four cents per pound and do so still, your rates are apparently much higher. I hope to send you many specimens yet before leaving for the field but more pressing work engages my time just now.

Yours Sincerely
Jas. M. Macoun

Ottawa Apl. 12th 1892

Prof. N. L. Britton
Columbia College
Dear Sir

Many thanks for your packet of plants which reached me to-day. It contains many species not represented in our U.S. collection and the other specimens will be utilized in filling up sheets. Yours packet was the first that we have received since the new law came into force, we have for a number of years been able to send specimens to the U.S. at the rate of four cents per pound and do still, your rates are apparently much higher. I hope to send you many specimens yet before leaving for the field but more probably will depend on time yet here.

Yours truly
Jas. M. Macoun

April 11th 1888

Dear Mr. Burman

Your letter and plant are both here. In answer to the former I may say that Dr. Selwyn has talked with me about your request and next winter we will assist you as far as possible. In the meantime find out what you have in the college and at the end of the summer just send us the numbers corresponding to my catalogue number of those you have. After that we will furnish what we can.

The Prunus is Viburnum Lentago and is from rather farther west than I have ever seen it. If you have no specimen I will return this after I hear from you. The Campanula is the narrow form of C. rotundifolia. The variety you mention is quite a different thing. The Crucifer is Arabis nemorosa var. leiocarpa.

Very truly yours
John Macoun

Rev. W. H. Burman
Griswold. Man.

April 11th 1888

Dear Mr. [illegible]

Your letter and parcel at hand.

In answer to the former I may say that Dr. [illegible] has talked with me about your request and next winter we will assist you as far as possible. For the meantime find out what you have in the College and at the end of the summer print and mark the numbers corresponding to my Catalogue numbers of those you have. After that we will furnish what we can.

The [illegible] is [illegible], [illegible] and is from another further east than I have ever been it. If you have no specimen I will return this after I hear from you. The Amphibole [?] is the variety from [illegible]. The [illegible] you mention is quite a different thing. The [illegible] is [illegible] from Lancashire [?].

Very truly yours
Alfred [illegible]

Rev. W. H. [illegible]
[illegible], Mass.

April 13th 1888

Mr. Samuel Herring

Sir

I desire, again, to remind you that on the first of May I will require an account of all the work done during the month of April.

When you wish for any raw material such as birds skins or skins of mammals they will be furnished at once.

If you wish to communicate with me write a note and I will attend to it at once.

Yours &c

John Macoun,
Naturalist

April 13th 1888

Mr. Samuel Henning
Sir

I desire again to remind you that on the first of May I will require an account of all the work done during the month of April.

When you wish for any raw material such as brick stone or stone of Ham-mols they will be furnished at once.

If you wish to communicate with me write a note and I will attend to it at once.

Yours &c
John Macnamara
Rathmichael

April 13th 1888

Secretary of Academy of Sciences

Dear Sir

I have today received through the Smithsonian Institution Bulletin No 8 of Vol. II, of the California Academy of Sciences. Please convey my thanks to the proper authorities for their great consideration and

believe me to remain

Your obedient Servant

John Macoun

Naturalist.

April 13th 1888

Secretary of Academy of Sciences

Dear Sir

I have today received through the Smithsonian Institution Bulletin No 8 of Vol. II, of the California Academy of Sciences. Please convey my thanks to the proper authorities for their great consideration and believe me to remain

Your obedient servant

John Macoun

Naturalist

April 13th 1888

Commissioner of Crown Lands
Quebec
Sir

I, herewith, most gratefully acknowledge the receipt of the permit for self and assistant to procure birds for scientific purposes during the ensuing spring and summer.

The skins procured will be solely for the National Museum in this city.

I have the honor to be
Sir
Your most obedient servant
John Macoun
Naturalist
Dept. of Interior
Ottawa

April 13th 1883

Commissioner of Crown Lands
Quebec

Sir

I, herewith, most gratefully acknowledge the receipt of the permit for self and assistant to procure birds for scientific purposes during the ensuing spring and summer.

The skins procured will be solely for the National Museum in this city.

I have the honor to be
Sir
your most obedient servant
John Macoun
Naturalist
Dept. of Interior
Ottawa

April 12th 1888

My dear Mr. Starr

I have received your kind invitation
to be with you at your April Meeting.
I am sorry that it is not in my power
to attend. Nothing would give me greater
pleasure and I sincerely hope you will have
a large and very successful meeting.

Please keep in mind that I hope to
go east the coming summer and may be
able to be with you at your summer
meeting. I cannot leave here before June
14th at the very earliest.

Very truly yours
John Macoun

C. R. H. Starr Esq.
Port Williams
N. S.

April 12th 1888

My dear Mr. Starr

I have received your kind invitation to be with you at your April Meeting. I am sorry that it is out of my power to attend. Nothing would give me greater pleasure and I sincerely hope you will have a large and very successful meeting.

Please keep in mind that I hope to [go] out the coming summer and may be able to be with you at your summer meeting. I cannot leave here before June 1st at the very earliest.

Very truly yours
John Macoun

C. R. H. Starr Esq.
Port Williams
N. S.

April 19th 1888

Mr. Samuel Herring.

Sir

I am instructed by Dr. Selwyn to request that you will take the contents of Drawer No and either throw away all the skins or disinfect them and have the drawers thoroughly cleaned.

The keys of the cases and drawers are now in the hands of Mr. Weston and you will find them there when you want to examine or disinfect any bird or beast.

You will ~~hand over~~ [illegible] the dozen bird skins that you mentioned yesterday as being of no value and tomorrow you will have the opportunity of examining another lot so that we may get some that you can mount.

I remain &c.

John Macoun

Naturalist

April 13th 1868

Mr. Samuel Herring.

Sir

I am instructed by Mr. Lloyd to request that you will take the contents of Cases &c and other items away at the show or disinfect them and have the cases thoroughly cleaned.

The keys of the cases containers are now in the hands of Mr. [illegible] and you will find them there when you want to examine or disinfect any bird or beast.

You will understand [illegible] the keys but there that you mentioned yesterday as being of no value and tomorrow you will have the opportunity of examining another letter that we may get some that you can [illegible]

I remain &c.

[illegible]

[illegible]

Copy —

Deputy Minister of Interior

Sir,

Since I saw you I have had an interview with Dr. Selwyn and he could give no definite answer as the matter had not come before him in any shape. He said however if he received an official communication from you informing him of the scope of the exploration and asking for the the appointment of one of our staff for the purpose of collecting facts relating to the Natural History of the country found through he would give it prompt and careful consideration.

I have the honor to be
Sir
Your obedient Servant
John Macoun
Naturalist.

April 21st [illegible]

Deputy Minister of Interior

Sir,

Since I saw you I have had an interview with Dr. Selwyn and he could give no definite answer as the matter had not come before him in any shape. He said however if he received an official communication from you informing him of the scope of the exploration and asking for the appointment of one of our staff for the purpose of collecting facts relating to the Natural History of the country [passed through] he would give it prompt and careful consideration.

I have the honor to be
Sir
Your obedient Servant
John Macoun
Naturalist

April 27th 1888

Dear Dr. Yates

Your letter and enclosures came yesterday and today I am in receipt of your fine photograph. I envy you your situation. Today is the first spring day and no flowers have appeared yet. In California you are revelling in sweetness while we are fighting with the snow and the frost.

I am about to get a number of Photos from a fresh sitting and then you will see me as I am. I may say I am a hard-worked weary man.

Next autumn we will send you as many of our Canadian ferns as possible but will not be able to do anything sooner as we will take the field shortly.

I have read with great interest ~~yours~~ the article of Prehistoric Man ~~and~~ but not your article. I am much interested in the subject as I think we are approaching the time when our views regarding the origin and existence of man will be very

April 27th 1888

Dear Dr. Yates

Your letter and enclosures came yesterday and today I am in receipt of your fine photographs. I envy you your situation. Today is the first spring day and no flowers have appeared yet. In California you are revelling in sunshine while we are fighting with the snow and the frost.

I am about to get a number of Photographs a fresh sitting and then you will see me as I am. I may say I am a hard-worked wiry(?) man.

Next Autumn we will send you as many of our Canadian forms as possible but will not be able to do anything more as we will take the field shortly.

I have read with great interest the work(?) of Prehistoric Man but not your article. I am much interested in the subject as I think we are approaching the time when our views regarding the origin and existence of man will be very

much widened.

As soon as the papers are received from Prof. Leidy I will sign and forward them. As I am a Government official I pay no postage so think nothing about that.

In another week I will have Part IV complete and I will be heartily glad. It will be the largest of all.

I will write you as soon as the papers have been received.

Very truly yours
John Macoun

Dr. Lorenzo G. Yates
Santa Barbara
California

P. S. Please accept my thanks for the kindly notice of the paper on Canadian Ferns.
J. M.

much evidence.

As soon as the papers are received from Prof. Kirby I will sign and forward them. As I am a Government official I pay no postage so think nothing about that.

In another week I will have Part IV complete and I will be heartily glad. It will be the largest of all.

I will write you as soon as the papers have been received.

Very truly yours
John Macoun

Mr. Lorenzo G. Yates
Santa Barbara
California

P. S. Please accept my thanks for the kindly notice of the paper on Charm Stones.
p. 96

April 27th 1888

Dear Prof. Sargent

Your note has just reached me. In answer I may say write to Rev. William Taylor, Box 208, Victoria, Vancouver Island and tell him what you want and that I recommended him to you. He will get you exactly what you want as he knows the Pines.

I never was so busy before as my duties have been very much increased and I am getting my work in shape. I have done little for the Journal yet but will in the course of a month.

Very sincerely yours
John Macoun

April 27th 1888

Dear Prof. Laggart

Your note has just reached me. In answer I may say write to Rev. William Taylor, Box 209, Victoria, Vancouver Island and tell him what you want—and that I recommended him to you. He will get you exactly what you want as he knows the Prices.

I never was so busy before as my duties have been very much increased and I am getting very much behind hand. They have little for the Government yet but will in the course of a month.

Very sincerely yours
Edward Wilson

April 27th 1868

Dear Dr. Lindberg

Your letter with notes on the first Century of Mosses has been received, we are not surprised at the corrections you have made but are pleased to think there are no more. The very purpose I have in view in publishing them is to produce criticism and advance our knowledge and make it more accurate.

I will send your corrections to all parties receiving the sets and ask them to carefully examine for themselves as you are only responsible for the sets examined.

The Swedish flora has been received and my son joins me in returning thanks for the same. The mail for Europe is just closing I will write more by next Steamer. My son may leave for the [illegible] in two days!

Very truly yours
[illegible] Macoun

Dr. Lindberg
[illegible]
[illegible]

April 27th 1888

Dear Dr. Hinckley

Your letter with notes on the [illegible] Cutting of Murray has been received. We are not surprised at the corrections you have made but are pleased to think there are no more. The very purpose I had in view in publishing them was to produce criticism and advance our knowledge and make it more accurate.

I will send your corrections to all parties receiving the cuts and ask them to carefully examine for themselves as you are only responsible for the cuts examined.

The Sandwich plan has been received and by our friend [illegible] me an interesting [illegible] thanks for the same. The mail for Europe is just closing I will write more by next steamer. [illegible] may look for the [illegible] in two days.

Very truly yours
John Murray

Dr. Hinckley
[illegible]
[illegible]

April 27th 1888

Dear Prof. Watson

I have today received Dr. Gray's last contribution. Please accept my thanks for the kind remembrance.

Part IV is nearly completed and will surprise you on account of its size — nearly 250 pages. It includes all the Endogens and all we know about them.

I will take the field very soon but will do little in Phenogams this year as my time will be taken up with other branches of Natural History.

Hoping you have stood the winter without injury and that the summer may end with you in perfect health

I remain truly yours

John Macoun

P. S. I suppose I should thank you for a copy of the Life and Work of Prof. Gray.

J. M.

April 23rd 1888

Dear Prof. Watson

I have today received Dr. Gray's last contribution. Please accept my thanks for the kind remembrance.

Part IV is nearly completed and will pre- give you an account of its size — nearly 250 pages. It [illegible] all the [illegible] and set up [illegible] about [illegible].

I will take the field my own self and do a little in [illegible] this year as my time will be taken up with other branches of Natural History.

Hoping you have stood the winter without injury and that the summer may find you in perfect health

I remain Yours truly

Osbert Salvin

P.S. I suppose I should thank you for a copy of the Life and Works of Prof. Gray. O.S.

April 27th 1888

Dear Prof. Crepin

Your late article on "Le Genre Rosa" has reached me. I desire at once to express my thanks to you for your kindness in sending it. Through your careful examination of our northern roses I am in a position to study them with great success in coming seasons, and I will not fail to forward for your examination all forms which may fall ~~[illegible]~~ under my notice the coming season and next Autumn.

Part IV including the Endogens is nearly through the press.

Very truly yours
John Macoun

Hon François Crepin
Director, Botanic Garden
Brussels.

April 27th 1888

Dear Prof. Giglioli

Your late article on "L'Avifauna Italica" has reached me. I desire at once to express my thanks to you for your kindness in sending it. Through your careful examination of our northern races I am in a position to study them with great success in coming season and I will not fail to forward you your examination as far as ~~I can~~ which my field notes the coming season and next Autumn.

Part IV embodying the Catalogue is nearly through the press.

Very truly yours
Alfred Newton

Prof. Enrico Giglioli
Director Zoological Museum
Florence.

April 27th 1888

My dear Sir

Your article on the "Life Histories of Plants" was received some time since and laid aside. Today I came across it and have read it with great interest.

As you are aware I am no "faddist" and look at things from a Conservative standpoint, your notes on Cephalanthus and Compositae are exactly to my taste and in the line of my own observations though not in my line as I have no time for particular botanical studies.

My own impression is that it is [illegible] not to talk of colouring attracting insects. Smell is what attracts and the imperceptible aroma arising from flowers is what draws no matter what may be said to the contrary. The very man who argues for insects talks glibly about color in flowers attracting and the gentleman who sends him

April 27th 1888

My dear Sir

Your article on the "Life Histories of Plants" was received some time since and laid aside. Today I came across it and have read it with great interest.

As you are aware I am no "Specialist" and look at things from a Commentator's standpoint. Your notes on Cephalanthus and Compositae are exactly to my taste and in the line of my own observations though not in my line as I have no time for particular botanical studies.

My own impression is that it is not to talk of calling attention to a thing is what attracts and the inflorescence is your flower is what draws or marks what may be said to the contrary. The very one [illegible] for insects take [illegible] attracting and the qualities

-self only does what the lower forms of ~~life~~
do for scarcely a different purpose.

I am sorry I have so little time
to devote ~~to~~ these subjects but I am an
interested listener to the discussions

Wishing you many years of active
life I remain faithfully yours
John Macoun

Thomas Meehan Esq.
State Botanist
Germantown
Penn.

-elf only does what the lower form of ~~life~~
do for necessity a different purpose.
I am sorry I have so little time
to devote ~~to~~ these subjects but I am an
interested listener to the discussions
Wishing you many years of this
life I remain faithfully yours
Alfred [illegible]

Thomas Meehan Esq.
State Botanist
Germantown
Penn.

May 2nd 8

Mr. Samuel Herring
Sir,

This is the second of the month and I have not received your report of the work done during the month just closed.

You are aware that this is expected of you by the Director (Dr. Selwyn) and I would request that you make it in writing either to him or to me at your earliest convenience.

Yours &c.
John Macoun
Naturalist.

May 2nd 8

Mr. Samuel Fleming

Sir: This is the second of the month and I have not received your report of the work done during the month just closed.

You are aware that this is expected of you by the Director (Dr. Thomson(?)) and I would suggest that you make it in writing either to him or to me at your earliest convenience.

Yours &c.

John Murray
Naturalist.

May 3d 1888

Dear Prof. Peck

I have just received the "Fortieth Annual
Report of the New York State Museum of Natural
History" and hasten to thank you for it.

The introduction to your report is very interest
-ing and instructive. I have evidently your opinion
about the "so-called sea-side plants" that they
are more properly speaking sand or marsh plants
and are found where the conditions are suitable ir
-respective of salt. Parasites attack weaklings whether
they be animal or vegetable and the fever that strikes
down a man with low vitality will pass by the man
with a strong and vigorous constitution.

I have now written Part IV which includes
the whole of the Endogens. After this my reports will
be modelled after yours and will show the additions
of the year. I am about to commence to collect in
this neighborhood and will forward from time to time

May 3d 1888

Dear Prof. Peck

I have just received the "Fortieth Annual Report of the New York State Museum of Natural History" and hasten to thank you for it. The introduction to your report is very interesting and instructive. I have particularly [illegible] your opinions about the "so-called" parasitic plants that they are more properly speaking weak or injured plants and are found where the conditions are unsuitable in respect of soil. Parasites attack weaklings when they be arising or vegetate and the fungus then will throw a man with low vitality will pass by the man with a strong and vigorous constitution.

I have now written Part IV which includes the whole of the Discomycetes. After this my [illegible] will be [illegible] after genera and [illegible] of the [illegible] of the fungi. I am about to commence to collect in this neighborhood and will forward you from time to time

fresh fungi for determination. Our spring has been very late and until now there has been no growth.

My position has been changed and I will now have an over-sight of the whole Natural History of the country. My aim will be to get good men to take up each special branch so that our Natural History will remain no longer a by-word.

With best wishes

I remain yours very truly

John Macoun.

(leaf fungi) for determination. Our spring has been very late and until now there has been no growth.

My position has been changed and I am now here as over-sight of the whole Natural History of the country. My aim will be to get good men to take up each special branch so that our Natural History will remain no longer a by-word.

With best wishes

I remain yours very truly

John Macoun.

Mar 3d 1888

My dear Madam

Your note and [illegible] reached me today. I have [illegible] written in pencil all the corrections. Any sheets without pencil notes are correctly named.

Please collect complete specimens and in all cases get the root leaves of Asters and Solidagos. Be sure and collect everything you see and assist Mr. Waghorne in getting up a fair re-presentation of the flora of your island. Should Newfoundland confederate with us I would be sent down at once to make a careful investig-ation of both the fauna and flora as I am naturalist now as well as botanist. I will be most happy at any time to do you a service

Very respectfully yours
John Macoun

Miss M. Southcott.
St. Johns
Newfoundland.

May 3rd 1888

Mr. [illegible]

Your note and [illegible] reached me today.

[illegible] written in pencil all the corrections. They which written [illegible] notes are correctly named.

Please collect complete specimens and in all cases get the root leaves of Asters and Solidagos. Be sure and collect everything you can and assist Mr. Waghorne in getting up a fair representation of the flora of your island. Should Newfoundland confederate with us I would be sent down at once to make a careful investigation of both the fauna and flora as I am naturalist now as well as botanist. I will be most happy at any time to do you a service.

Very respectfully yours
John Macoun

Rev. M. Southcott.
St. John's
Newfoundland.

[illegible] 4th 1888

[illegible]

[illegible]

[illegible]

[illegible] to the enclosed [illegible] which was [illegible] [illegible]. It was [illegible] [illegible] [illegible]

[illegible]

[illegible] they have [illegible] of the Geological and Natural History Survey of Canada.

[illegible] to the [illegible] [illegible] character.

[illegible] to be

[illegible]

May 7th 1888

My dear Professor

I have just finished the presses and send today the balance of your specimens and the boards and straps.

Nothing has been settled yet about where I am to go this summer but still expect to go to Prince Edward Island. Before you leave Kingston drop me a line so that I may know where you are and your address.

Very truly yours
John Macoun

Prof. James Fowler
Kingston
Ont.

May 7th 1888

My dear Professor

I have just finished the papers and now sending the balance of your specimens and the books and charts.

Nothing has been settled yet about when I am to go this summer but I expect to go to Prince Edward Island. Before you leave Kingston kindly send me a line so that I may know where you are and your address.

Very truly yours

John Macoun

Prof. James Fowler
Kingston
Ont.

May 11th 1886

James Sutherland M.P.

Dear Sir

Dr. Dawson has just handed me a slip of paper received from you in which a gentleman asks for my report on the Botany of the North West.

I never made a particular report on the Botany of the North West but did write a number of reports on the Topography and Natural History of that region.

These are found in the Railway Reports for 1872-77-79-80 and in the Geological Report for 1875-76, also in the Report of the Dept. of Interior for 1880-81.

He may mean my Catalogue of Canadian Plants in general published in three parts, ~~which have been published~~ at this office. if so I will be most happy to send them to you.

Very truly yours
John Macoun
Naturalist.

May 11th 1888

James Sutherland M.D.

Dear Sir

Dr. Cameron has just handed me a slip of paper received from you in which a gentleman asks for any report on the Botany of the North-West.

I never made a particular Report on the Botany of the North West but did write a number of reports on the topography and natural history of that region.

These are found in the Railway Reports for 1872-77-79-80 and in the Geological Report for 1875-76, also in the Report of the Dept. of Indian Affairs for 1880-81.

Perhaps he may want my Catalogue of Canadian Plants published at these parts, ~~[illegible]~~ at this office, if so I will be most happy to send them to you.

Very truly yours

John Macoun

Naturalist.

May 14th 1888

Dear Prof. Saunders

Please find enclosed a sample of wheat from Dunvegan, which Dr. Dawson presents with his compliments.

We have just received it back from the Senate Committee or you would have had it earlier in the season.

Wishing you and Mrs. Saunders every happiness in your new home

I remain, very truly yours

John Macoun.

P.S. I am quite sure the Saskatchewan Rye in the Greenhouse is the "Wild Goose Wheat" and is Triticum Polonicum, Linn.

J. M.

May 14th 1886

Dear Dr Braun

Some time ago I had the high honor of re-
-ceiving your very valuable monograph of the Sphag-
-naceae of Sweden and Norway. It is peculiarly val-
-uable to me as we have many fine species in Canada
especially in the eastern provinces. Dr. Lindberg
has sent me the names of those you so kindly named
for me and he has now in his hands fifteen others
forms that have been named by Braithwaite and
others. These you may have at present in your possession.
During the coming summer I will be collecting mosses
and will send all forms that may come under my
notice to you. I wish you to see exactly all the forms
we have in this vast country and from year
to time to time I will send you what we have gathered
consignment next autumn.

After you get my consignment you
will confer a great favor on me by letting me
have an authentic specimen of each of your Scandinavian
Sphagnums. Through the generosity of Dr. Lindberg I
have nearly all the Scandinavian mosses.

May 14th 1886

Dear Dr Graves

Some time ago I had the high honor [of] re-
-ceiving your very valuable monograph of the [illegible]-
-inae of Nicaragua and Mexico. It is exceedingly val-
-uable to me as so many species in Canada
especially in the northern provinces. Mr Brinkley(?)
has sent me the names of those you so kindly named
for me and he has now in his hands fifteen other
forms that have been named by Braithwaite(?) and
others. These you may have at least in your possession.
During the coming summer I will be collecting more
and will send all forms that may come under my
notice to you. I wish you to use exactly all the forms
we have in this part country and some years
[illegible] I will send you what we have gathered
[illegible] correspondent [illegible]
After you get my [illegible] on
you will [illegible] a great favor on me by [illegible]
have our [illegible] of each [illegible] Brinkley &
[illegible] Thomson [illegible]
have nearly all [illegible]

I am engaged cataloguing the flora of Canada and with this letter send the three Parts already published. Part IV is written and 176 pages printed off. This one includes all our Endogens and will be the last of the four.

With best thanks for your past kindness and good wishes for your future welfare

I am dear Sir

Very truly yours

John Macoun

Dr. H. [illegible] Ph. D.

Prof. of Botany

Upsala

Sweden.

I am engaged Cataloguing the Flora
of Canada and with this letter send the three
Parts already published. Part III is written
and 176 pages printed off. This one includes all
our Exogens and will be the last of the year.
With best thanks for your past kindness
and good wishes for your further welfare
I am dear Sir
Very truly yours
John Macoun

[illegible] Ph.D.
Prof. of Botany
Aberdeen
Scotland.

May 14th 1888

Dear Mr. Dickson

Your note of the 8th inst. has been received. In answer I may state that I know of no opening on the Geological Staff at present. Owing to the smallness of the vote I presume Dr. Selwyn will not be taking on any new officers. Still an application to him can do no harm and therefore I would advise your friend to make one.

I am not in connection with the Geology as my field is ~~Naturalist~~ History. I was promoted to the position of Naturalist last December.

Dr. Selwyn is the only person in our section of the Dept. of Interior who has the appointing power and to him all applications must be submitted.

Very truly yours
John Macoun

George Dickson M.A.
Upper Canada College
Toronto.

May 14th 1888

Dear Mr. Dickson

Your note of the 8th inst. has been received. In answer I may state that I know of no opening on the Geological Staff at present. Owing to the smallness of the vote I presume Dr. Selwyn will not be thinking of any new appointments. There are applications of those here at present and therefore I would advise you not to make one.

I am not in connection with the Survey as my field is Natural History. I am promoted to the position of Naturalist and Accountant.

Dr. Selwyn is the only person in our section of the Dept of Interior who has the appointing power and to him all applications must be submitted.

Very truly yours
[illegible] Macoun

George Dickson M.A.
Upper Canada College
Toronto.

May 14th 1888

Dear Mr. Bennett

I have been so busy at one thing or another that I have almost ceased to correspond with my friends. First of all let me thank you for the nice specimens sent through Mr. Moray.

Today I received your card of April 28th with the new name of the new Carex. It is too late to go in with the Carices as they are all printed off but it will appear at the end of the genera. I have also made a note of C. [illegible] mentioned on your card of April 6th.

I have used your notes freely in many places while cataloguing the Carices and specially mention in the preface my obligations to you.

You are aware that I have been appointed Naturalist with the rank of Assistant Director. This has increased my duties but I have put the birds in order already (we have 550 species) and know them nearly all on sight so that very little time will be taken up on that line. One outcome of my appointment

May 14th 1885

Dear Mr. Garnett

I have been so busy at one thing and another that I have almost ceased to correspond with my friends. First of all let me thank you for the nice specimens sent through Mr. Murray.

Today I received your card of April 28th with the new name of the new Genus. It is too late to go in with the Genera as they are all printed off but it will appear at the end of the genera. I have also made a note of G. [illegible] mentioned on your card of April 4th.

I have used your notes freely in many places while catalogueing the Genera and specifically mention in the preface my obligations to you.

You are aware that I have been appointed Naturalist with the rank of Assistant Director. This has increased my duties but I have got the birds in order already (we have 550 species) and [illegible] them nearly as far as [illegible] [illegible] little time will be taken up on that line. One [illegible] of very [illegible]

is the sending of my eldest son as naturalist to an exploring party sent two weeks since to the Athabasca and Churchill. He will be where Sir John Richardson obtained Carex [illegible] and I have told him to look out for it. He is also instructed to look out for water plants of all kinds so that Mr. Beeby and yourself may expect to get an ample supply next autumn as I will be collecting on Prince Edward Island, which is a new field for me.

My son left in such a hurry that he had no time to finish up the distribution of duplicates so those intended for you and Mr. Beeby must stand over to next autumn.

Thanking you for all your kindness

I remain truly yours

John Macoun

Arthur Bennett F.L.S.
Croydon
England

is the securing of my eldest son as naturalist
to an exploring party now about going to
the Athabasca and Saskatchewan. He will be where his
father Richardson obtained some Amber and I have
told him to look out for it. He is also instructed
to look out for water plants of all kinds so that Mr.
Bailey and yourself may expect to get an ample
supply next autumn as I wish to do something
on Pacific Coast Botany which is a new
field for me.

My son left us lately in hopes that
he had no time to finish up the distribution
of duplicates so those intended for you and Mr.
Bailey must stand over to next autumn.

Thanking you for all your favours
I remain truly yours
John Macoun

Arthur Bennett F.L.S.
Croydon
England.

May 14th 1888

Dear Mr. Green

Your letter of April 24th has reached me and I am delighted to learn that you are coming out next July. I thought my letter to Mr. Van Horne would satisfy him that you were the right man for the work you contemplated doing. I am glad the Royal Geographical Society has taken it up as they will give your exploration that prominence it deserves.

Take a Winchester with you but don't bother with the rifle. You may have some sport and then again you may not. You seem to have a clearer idea of what to do and how to do it than when you wrote last. Your plan of going to the Great Glacier from the Hotel is all right. In one day you will be able to form your plans and lay out your plan of operations to ascend Mount Sir Donald which is certainly a peak but I believe there is a slope on the reverse side from the railway which can be ascended. There is no photograph that I know of that gives a correct view of Mount

May 14th 1888

Dear Mr. Green

Your letter of April 24th has reached me and I am delighted to learn that you are carrying out next July. I thought my letter to Mr. Van Horne would satisfy him that you were the right man for the work you contemplated doing. I am glad the Royal Geographical Society has taken it up as they will give you explanation that permission of [illegible].

Take a Theodolite with you but don't bother with the rifle. You may have some sport and then again you may not. You seem to have a clear idea of what to do and how to do it when you wrote last. Your plan of going to the Great Glacier from the Hotel is all right. In one day you will be able to form your plans and lay out your plan of operations to ascend Mount Sir Donald which is certainly a peak but I believe there is a slope on the Eastern side from the railway which can be ascended. There is no Photograph that I know of that gives a correct view of [illegible]

Sir Donald. I still stick to my first statement. Go to the Glacier Hotel and there make your plan. Any plans made before you reach there will be thrown to the winds. I have explored too much myself to take either advice or form plans until I see the difficulties to be overcome. After a short examination I know what to do and just go and do it. As you will. I am an Irishman and a fighter but it is with difficulties.

I will not be here when you are passing through but some party will help you with maps or advice or both. I hope Mr. Remington will be your third man and that I may have an opportunity of seeing you on your return.

I remain, dear Sir,

Very truly yours

John Macoun

Rev. W. S. Green
Carrigaline
Cork
Ireland.

in Canada. I still stick to my first statement. Go to the Queen's Hotel and then make your plans. Any plans made before you reach there will be thrown to the winds. I have refrained too much myself to take either advice or form plans until I see the difficulties to be overcome. After a short examination I know what to do and just go and do it. So you will. I am an Irishman and a fighter but it is with difficulties.

I will not be here when you are passing through but some friends will help you with maps or advice or both. I hope Mr. Banning here will be your friend man and that I may have an opportunity of seeing you on your return.

I remain, dear Sir,

Very truly yours

Alfred Mawson

Rev. H. J. Evans
Carrigaline
Cork, Ireland.

May 14th 1888

Dear Dr. Murie

As the yearly subscription to the Linnean Society is about due I write you regarding a matter that is of some interest to me.

Over a year ago I sent between three and four hundred species of mosses to the British Museum with the request to Mr. Carruthers that he would turn the price of them over to the Treasurer of the Linnean Society as payment of my subscription for the year 1886–87. Last autumn the Treasurer sent me a bill for the amount and I at once forwarded the money. During the winter just passed Mr. Ridley inci-dentally mentioned that the price of the mosses had been paid into the treasury of the Society by Mr. Carruthers.

You will confer a great favor on me if you would kindly make enquiries about the

May 14th 1888

Dear Dr. Morris

As the yearly subscription to the Numismatic Society is about due I write you regarding a matter that is of some interest to me.

Over a year ago I sent between three and four hundred copies of some of the British Museum with the request to Mr Cox that he would turn the price of them over to the Treasurer of the Numismatic Society as payment of my subscription for the year 1886-87.

Last autumn the Treasurer sent me a bill for the amount and I at once forwarded the money. During the winter just passed Mr. Phillips incidentally mentioned that the price of the coins had been paid into the treasury of the Society by Mr. Cox.

Will you kindly make enquiries about the ... if you ...

matter and if necessary show this letter to Mr. Ridley. I do not wish to get into debt again and if the money has not been paid I will forward the amount as soon as I hear from you or the Treasurer.

I have been advanced a step and am now Naturalist to the Survey. My son has gone west to do Natural History work and there is a better outlook for my section of the work. As I am made Assistant Director as well as Naturalist I will have something to say in these matters in the future.

I remain Very truly yours

John Macoun

Dr. James Murie
Linnean Society
London.

matter and if necessary show this letter to Mr. Bickley. I do not wish to get into debt again and if the money has not been paid I will forward the amount as soon as I hear from you or the Treasurer.

I have been advanced a step and am now Naturalist to the Survey. My work has gone out to do Natural History work and there is a better outlook for my section of the work. As I am made Canadian [illegible] as well as Naturalist I will have something to say in these matters in the future.

I remain Very truly yours
John Macoun

Dr. James Murie
Linnean Society
London.

May 3d 1888

Dear Prof. Lindberg

Since I wrote my last note your further remarks have reached me and I will incorporate them with what you sent before. I am glad you examined the two sets and that I have your criticisms as I will write to my American friends and mention them so that as much good as possible may come out of the distribution.

My son left three days ago for a field of labor 2800 miles from here. You will scarcely credit it when I tell you he travels from here on a single railway 2250 miles. On the way he eats and sleeps just the same as if he were in a first class hotel as he rides in a palace car and eats in a "Dining Car" attached to the train. After leaving the train he goes north nearly 500 miles and then turns east. He will be away until October. He does only natural history work.

May 8th 1888

Dear Prof. Heinberg

Since I wrote my last note your further remarks have reached me and I will incorporate them with what you sent before. I am glad you examined the two sets and that I have your criticisms as I will write to my Armenian friends and mention these so that as much good as possible may come out of the distribution.

My son left two days ago for a field of labor 2500 miles from here. You will scarcely credit it when I tell you he travels from here on a single railway 2250 miles. On the way he eats and sleeps just the same as if he were in a first class hotel as he rides in a palace car and eats in a "Dining Car" attached to the train. After leaving the train he goes nearly 500 miles and then turns east. He will be away until October. He does only Dominion Geological work.

I am about to commence work in the field but will not leave here for over six weeks. Our country is of such an immense extent that we can only make a traverse here and there.

May 21st

Since the preceding was written I have been so knocked about that I forgot this note was not sent, and only this morning found it. Your supplements reached me in safety and your card of 4th inst. came yesterday. I am glad I received it in time as I present the paper in two days. The Royal Society only meets once a year and it takes nearly a year to get the volume of transactions printed. I will make a point to send you the proof but do not expect it until Autumn as our Section is No. 14 and their papers are printed last.

I am about to commence work in the
field but will not leave here for one or two weeks.
Our country is of such an immense extent
that we can only make a traverse here and
there.

May 21st

Since the preceding was written I have been
so knocked about that I forgot this note
was not sent, and only this morning found
it. Your supplements reached me in safety and
your card of 2 the inst. came yesterday. I am
glad I received it in time as I present the
paper in two days. The Royal Society only
meets once a year and it takes many
years to get the volume of transactions printed.
I will make a point to send you the proofs
but do not expect it until Autumn as our
section is No. IV and their papers are printed last.

Owing to my multifarious duties I have been unable to do anything in mosses this spring but will as soon as I leave here which will not be until June 18th. Prof. Owen wrote me a nice letter the other day and sent me his monograph of the Sphagnaceae. I have written to say that I will send him specimens of all forms I may collect during the coming summer. I purpose sending two specimens of each form to you and you will forward one to him. Later in the week I will send you another note detailing the proceedings of the R. Society.

Very truly yours
John Macoun

Dr. N. C. Kindberg
Linkoping
Sweden.

Owing to my multifarious duties I have been unable to do anything in diatoms this spring but will do so soon as I leave here which will not be until June 10th. Prof. Cleve wrote me a nice letter the other day and sent me his monograph of the [illegible]. I have written to say that I will send him speci-mens of all forms I may collect during the com-ing summer. I propose sending these specimens of each form to you and you will forward one to him. Later on the week I will send you a note detailing the proceedings of the [illegible] Society.

Very truly yours
Paul [illegible]

Dr. [illegible]
Linköping
Sweden.

May 28th 1888

My dear Sir

Your letter of April 3rd and the article on Berries of Newfoundland have been most unaccountably delayed. The letter is postmarked St. John's April 6th.

I return the proof with this with marginal notes where necessary. I would like to see specimens of those species I object to. I think you ought to have the Black Currant (Ribes floridum)

There might be other species but I cannot think of them now. Rubus Chamaemorus may be dioecious as many flowers are not fertile. You ought to study it on the ground.

The enclosed specimens are Diapensia Lapponica and Cassandra calyculata or L. [illegible]. I return them.

Should Confederation become an accomplished

May 28th 1888

My dear Sir

Your letter of April 3rd and the notes on Berries of Newfoundland have been most unaccountably delayed. The letter is postmarked St. John's April 6th.

I return the proof with the notes inked where necessary. I would like some specimens of those species I object to. I think you ought to have the Black Currant (Ribes floridum).

There might be other species but I cannot think of them now. Rubus Chamaemorus may be taken as many flowers are not fertile. You ought to study it on the ground.

The enclosed specimens are Diapensia Lapponica and Cassandra Calyculata & [illegible]

I return [illegible] [illegible] [illegible] as requested.

fact we would very soon put the Natural History of the island in shape. Since I wrote last I have been appointed Botanist and Naturalist to the Department of the Interior so I am virtually Dominion Naturalist with full power to act as I see fit.

Gray's How Plants Grow is the best book for beginners and is for sale in various editions in all book stores.

I leave here for Prince Edward Island on the 18th June and will be glad to name any things you may send to me there.

Should you make any specimens for me be sure and dry them green if possible. We have all your species known in our herbarium and I do not ask you to collect for me as we really do not need them. If however you would collect good specimens of your roses I would send them to Belgium and have them identified by Crepin.

Very truly yours
John Macoun.

Rev. A. Waghorne
New Harbour
Newfoundland

fact we would say now that the Natural
history of the island in shape. Since I wrote
last I have been appointed Botanical Asst
Assistant to the Department of the Interior. As
I am virtually Provincial Botanist with
full power to act as I see fit.

Gray's new Plant Primer is the best book
for beginners and is for sale in various editions
in all book stores.

I have here for Prince Edward Island
in the [illegible] Flora and will be glad to name any things
you may send to me then.

Should you make any specimens for me
be sure and keep three pieces of [illegible]. We
have all your species however in our herbarium and
I do not ask you to collect for me as we really
do not need them. If however you would collect good
specimens of your ferns I would send them to Ottawa
and have them identified by Botanist.

Yours truly
John Macoun

Geo. C. Wedgewood
New [illegible]
[illegible]

June 7th 1888

Dr. A. R. C. Selwyn
Director of Geol. & Nat. Hist. Survey

Sir,

On the taxidermist's report for May I find mention of fifteen (15) birds being mounted during the month. Only one of these, a Magpie, has been placed in the cases. Of the fifteen birds mounted only six represent species not before in the cases. These are One Magpie, one pair Varied Thrush, one Hairy Woodpecker, one Marsh Wren, and one Pine Finch. The Crossbill may be an addition as we have only one species in the case and there are two species in Canada.

Please note the attached list which gives the report in details.

I have the honor to be
Sir, Your obedient servant.

460

June 20th 1888

Dr. C. H. L. [illegible]
[illegible]

Sirs,

In the [illegible] report for May
I find mention of fifteen (15) birds having
[illegible] during the month. Only one of these
a Magpie, has been [illegible] in the [illegible]
Of the fifteen birds mentioned only six are
[illegible] species and [illegible] in the [illegible]
One Magpie, one [illegible] one [illegible]
Kingfisher, one Marsh Hawk and one Pine
Finch. The [illegible] may be an addition
as we have only one species in the [illegible] and
there are two species in Canada.

Please note the attached list [illegible]
[illegible]
[illegible]

Analysis of Taxidermist's Report.

Osprey — Two already in Cases
B. W. Hawk. — Three already in Cases
Pair of California Quail = Pair already in cases
B. C. Turnstone — Pair already in Cases
9 Pine Grosbeak — One already in Cases.
Sooty Tern — Three already in Cases
Lark — One already in Cases
Crossbill — One (White winged) already in Cases

Birds new to the Cases.

One Pair Varied Thrush. (Macoun)
One Magpie (Dowling)
One Harris Woodpecker (Macoun)
6 One Marsh Wren
One Pine Finch.

The three Mammals I make no comment on. I wish however to state that since the 14th March last neither birds nor mammals (except one beaver) have been placed in the Cases. The present report therefore represents the work of two months at least except there are other mounted specimens not reported.

Very respectfully Submitted
John Macoun.
Naturalist.

Analysis of Naturalist's Report.

Osprey — Two already in Case.
B. W. Hawk — Three already in Case
Pair of Californian Quail = Pair already in case
9 D. C. Cormorant — Pair already in Case
Pine Grosbeak — One already in Case.
Sooty Tern — Three already in Case
Teals — One already in Case
Crossbills — One (White-winged) already in Case

Birds new to the Case.
One Pair Varied Thrush. (Macoun)
One Magpie (Boultbee)
One Harris Woodpecker (Macoun)
6 One Marsh Hawk
One Pine Finch.

The three Mammals I make no comment on. I wish however to state that since the 14th March last neither birds nor mammals (except one case) have been placed in the Cases. The present report therefore represents the work of two months at least except that no other mounted specimens not reported.

Very respectfully submitted
John Macoun.
Naturalist.

[illegible]

Sept. 16th 8

Mr. John Marshall

Sir.

In answer to your request for vouchers for Mr. Howell's account I can at present only make the following statement and furnish the copy of my letter to him.

I received some time in January 104 specimens of plants for the Herbarium from Mr. Howell, of Arthur, Oregon for which I sent him a Post Office Order for eight dollars and twenty five cents ($8.25) with the request for vouchers, since then I have not heard from him, although I have written to him twice. It is extremely probable that he is collecting somewhere in the mountains. I have written him again today and will hand you the vouchers when received.

Very truly yours
John Macoun
Naturalist

P.S. Please find enclosed copy of letter sent.
J. M.

Sep. 18th 8

My dear Sir

I arrived home on the 15th inst. and the "Middlesex Flora" on my table. Please accept my thanks for your kindness.

The book is very creditable to the authors and shows great care and industry. From my own work on our plants I can speak of the work of others.

With this I send Part IV which is just out of the binders hands. What do you think of it?

Very truly yours
John Macoun

Warren H. Manning Esq.
Reading
Mass.

Sept. 18th

My dear Sir

I arrived here on the 15th inst. and the "Mayflower Flora" on my table. Please accept my thanks for your kindness.

The book is very creditable to the author and shows great care and industry. Since my own work on our plants I can speak of the work of others.

With this I send Part IV which is just out of the binder

Very truly yours
John Macoun

Warren H. Manning Esq.
Reading
Mass.

Sep. 19th 6

Dear Mr. Green

I am very sorry I failed to meet you. I was in Quebec coming home as your vessel dropped down the river.

The parcel of plants were here when I came to the office. I have named them and send the list with this. Each species is on a separate sheet and has a number corresponding with the list.

I also send my Catalogue of Canadian Plants so that you may see the distribution of your plants in Canada. Your Geum Montanum is very likely Dryas octopetala and the S. oppositifolia ~~Lychnis~~ Silene ~~apt~~ acaulis.

Hoping you had a pleasant and profitable time I remain

Very truly yours
John Macoun

Rev. Wm S. Green
Carrigaline
Co. Cork
Ireland.

Sept. 19th

Dear Mr. Green

I am very sorry I failed to meet you. I was in Dublin coming home as you were stepping down the river.

The parcel of plants were here when I came to the office. I have named them and send the list with this. Each species is on a separate sheet and has a number corresponding with the list.

I also send my Catalogue of Canadian Plants so that you may [illegible] the distribution of your plants in Canada.

Your Lemna [illegible] is very likely [illegible] and the L. [illegible] of this [illegible].

Hoping you had a pleasant and prosperous trip I remain

Very truly yours
John Macoun

Rev. Wm. J. Green
Carrigaline
Co. Cork
Ireland.

List of Rev. W. Green's plants from the Selkirk Mountains Collected July & August 1888

1 Antennaria Carpathica, R. Br. (1100)
2 Antennaria ~~[struck]~~ fimbriata, Hornem (741)
3 Valeriana ~~[struck]~~ Sitchensis, Bong. (863)
4 Veronica alpina, Linn. (1674)
5 Spiraea pectinata, Torr. & Gray (583)
6 Castilleia miniata, Dougl. (1680)
7 Mimulus luteus var. alpinus, Gray. (1656)
8 Epilobium latifolium, Linn. (787)
9 Mimulus Lewisii, Pursh. (1653)
10 Claytonia ~~Caroliniana~~ Caroliniana var. sessilifolia, Torr (331)
11 Sedum ~~spathulifolium~~ stenopetalum, Pursh (764)
12 Erigeron acris, Linn. (1091)
13 Haplopappus Brandegei, Gray (2167)
14 Dryas octopetala, Linn. (608)
15 Stellaria longipes var. laeta, Torr & Gray (300)
16 Silene multicaulis, Nutt. (2109)
17 Pedicularis contorta, Benth. (2202)
18 Silene acaulis, Linn. (263)
19 Aquilegia formosa, Fisch. (60)
20 Saxifraga bronchialis, Linn. (712)
21 Solidago ~~humilis var.~~ multiradiata var. scopulorum (985)
22 Adiantum pedatum, Linn.
23 Smilacina amplexicaulis Nutt. (2292)
24 Rhododendron albiflorum, Hook. (1399)
25 Tiarella unifoliata, Hook. (721)
26 Anemone occidentalis, Watson (6)
27 Zygadenus elegans, Pursh. (2352)

List of Rev. W. Green's plants from the Adirondack Mountains Collected July & August 1883

1 Antennaria [illegible], R. Br. (1100)
2 [illegible] ~~[illegible]~~ [illegible] (741)
3 [illegible] ~~[illegible]~~ [illegible] (853)
4 [illegible], Linn. (1074)
5 [illegible], Torr. & Gray (583)
6 [illegible] (1680)
7 [illegible] var. alpinum, Gray (1656)
8 [illegible], Linn. (787)
9 [illegible], Pursh. (1659)
10 [illegible] var. [illegible] (3281)
11 [illegible] ~~[illegible]~~ [illegible], Pursh (736)
12 [illegible] acris, Linn. (1031)
13 [illegible], Gray (2167)
14 [illegible], Linn. (606)
15 [illegible] var. [illegible], Torr. & Gray (300)
16 Silene [illegible], Nutt. (2109)
17 [illegible], Smith. (2202)
18 Silene [illegible], Linn. (263)
19 [illegible] (60)
20 [illegible], Linn. (912)
21 [illegible] ~~[illegible]~~ [illegible] (985)
22 [illegible], Linn.
23 [illegible], Nutt. (2292)
24 [illegible], Smith. (1359)
25 [illegible] (791)
26 [illegible] (6)

2

28 Ranunculus affinis, = No 44. var. This may

29 Pentstemon acuminatus, Dougl. [is a new species] (1641)

30 " ~~Lævigatus var.~~ Menziesii, Hook. (1637)

31 Aspidium spinulosum var.? (See Gray)

32. Phegopteris Dryopteris, Fee.

33 Veratrum viride, Ait. (2350)

34 Helianthus petiolaris, Nutt. (1136)

35 Aster multiflorus var. stricticaulis, (1037)

36 Epilobium angustifolium, Linn. (766)

37 Chenopodium rubrum, Linn. (1840)

38 Bigelovia graveolens, Gray (978)

39 Heliopsis scabra, Dunal. (1128)

40 Bryanthus Grahamii, Hook. (1366)

41 " glanduliflorus, Gray. (1391)

42 Aspidium Lonchitis, Swartz.

43 Saxifraga leucanthemifolia, Michx var. ferruginea [(703)]

44 Arnica Chamissonis, Less. (1219)

45 Eriogonum umbellatum, Torrey. (1663)

46 Erigeron macranthus, Nutt. (1063)

47 Cassiope Mertensiana, Pall. (1380)

None of the above are new to our flora.

You will see by the Catalogue which I send by this mail their distribution as far as known when I wrote. Please note addendum to Part III. The number to the left of the name on the sheets refers to my Catalogue numbers.

John Macoun

Naturalist.

28 Ranunculus affinis, = R. [illegible] This group [illegible]
29 Pentstemon acuminatus, Dougl. (1641)
30 • ~~[illegible]~~ [illegible], Nutt. (1637)
31 [illegible] [illegible] ([illegible])
32. [illegible] [illegible], [illegible].
33 [illegible] [illegible], [illegible]. (2350)
34 Helianthus petiolaris, Nutt. (1136)
35 Aster multiflorus var. [illegible]. (1037)
36 [illegible] [illegible], [illegible]. (780)
37 [illegible] [illegible]. (1840)
38 Bigelovia graveolens, Gray. (578)
39 [illegible] [illegible], [illegible]. (128)
40 [illegible] [illegible], Nutt. (1366)
41 " [illegible], Gray. (1371)
42 [illegible] [illegible], [illegible].
43 [illegible] [illegible], [illegible] (703)
44 [illegible] [illegible], [illegible]. (219)
45 [illegible] [illegible], [illegible]. (1263)
46 [illegible] [illegible], Nutt. (1083)
47 [illegible] [illegible], Nutt. (1380)

None of the above are new to our flora.

Those which are by the Catalogue which I send by this mail [illegible] their distribution as far as known when I made Plan note contributions to Cat. III. The numbers to the left of the name on the sheets refer to my Catalogue numbers.

[illegible] Macoun

Sep. 19th

Deputy Minister of Agriculture

Sir

Your letter of 11th inst. has been received and in answer I may state that in neither case was the Exhibit in my charge.

In November last year Mr. Chipman wrote me about Mr. Abbott's fossil wood. I referred the matter to Mr. Willimott who knew about the specimens and he communicated with Mr. Chipman, who was then investi-gating the matter. Mr. Chipman will easily tell with what result.

I never saw nor heard of Mr. C. White's exhibit but believe Mr. Caron or more especially Mr. Stevenson of Montreal who acted as Custodian should be able to tell what became of it.

I may say in conclusion that I left London six days after the close of the Exhibition and assisted in packing only a few special things.

I have the honor to be

Sir

Your obedient servant

John Macoun

Naturalist

John Lowe Esq

Deputy Minister

Ottawa.

8. Feb. 15th

Deputy Minister of Agriculture

Sir

Your letter of 11th inst. has been received and in answer I may state that in neither case was the exhibit in my charge.

In November last year Mr. Chipman wrote me about Mr. [illegible] [illegible]. I referred the matter to Mr. [illegible] who knew about the specimen and he communicated with Mr. Chipman, who was then investigating the matter. Mr. Chipman [illegible] [illegible] but with what result I never saw nor heard of.

Mr. C. [illegible] exhibit [illegible] the [illegible] a man [illegible] the Museum of [illegible] who acted as [illegible] about [illegible] what [illegible] of it.

I may say in conclusion that I left London six days after the close of the Exhibition and assisted in packing only a few special things.

I have the honour to be

Sir

Your obedient servant

John Macoun

Naturalist

[illegible] Deputy Minister

Ottawa.

Sep. 26th

Dear Sir

Your note of 22nd inst. with enclosure has reached me and in answer to your question about buried forests I may state that as far as I am aware we have none like those of Alaska in any part of the Dominion.

The conditions of evaporation and deposition are about equal with us whereas in Alaska the evaporation is not equal to the deposition and this combined with the want of drainage causes a great growth of Sphagnum (Peat Moss) and the eventual covering up of large forest areas.

The rainfall of the west coast is very considerable and there may be tracts in north western British Columbia where the Sphagnum is encroaching on the forest but if so I am not aware of them.

I have the honor to be
Sir
Your obedient Servant
John Macoun
Naturalist

J. C. Currie Esq.
Dept of Railways & Canals
Ottawa

Sep. 24th

Dear Sir

Your note of 22nd inst. with enclosure has reached me and in answer to your question about [illegible] frosts I may state that as far as I am aware we have never had the like of Alaska in any part of the Dominion.

The conditions of evaporation and precipitation are about equal with us whereas in Alaska the evaporation is not equal to the precipitation and this combined with the want of drainage causes a great growth of sphagnum (peat moss) and the resultant covering up of large forest areas.

The rainfall of the west coast is very considerable and this may be found in north western British Columbia where the sphagnum is encroaching on the forest but of it – I am not aware of them.

I have the honor to be
Sir
Your obedient servant
John Macoun
Naturalist

J. W. Cassie Esq.
(Dept.) Railways & Canals
Ottawa

Sep. 25th 6

Dear Dr Kindberg

After three months absence I am again at home and to-day send 25 mosses of Prince Edward Island.

Since I wrote in June I have not heard from you except the receipt of your enumeration of the Bryology of Greenland which was here when I came home.

As soon as the first proofs of the paper on mosses is received I will forward it to you.

From time to time I will send the mosses until you receive them all. The second Century will be sent you in a few days. Dr. Fries never noticed the one hundred lichens I sent him on the mosses sent through you. I had hoped he was going to examine the lichens as you mentioned formerly.

I am in hopes of having some nice things out of this year's collecting. My son may not be here before Christmas as he is far north.

Hoping to hear from you shortly I remain

Very truly yours
John Macoun

Dr. N. C. Kindberg
Sweden.

Sep. 25th

Dear Dr. Kindberg

After three months absence I am again at home and to-day send 25 mosses of Prince Edward Island.

Since I wrote in June I have not heard from you except the receipt of your enumeration of the Bryology of Greenland which was here when I came home.

As soon as the first parts of the paper are made in Danish I will forward it to you. From time to time I will send the mosses which you receive from me. The second Century will be sent you in a few days. Dr. Stein never noticed the one hundred lichens I sent him nor the mosses sent through you. I had hoped he was going to examine the lichens as you mentioned formerly.

I am in hopes of having some new things out of this year's collection. My son may not be here before Christmas as he is far north.

Hoping to hear from you shortly I remain

Very truly yours
John Macoun

Dr. N. C. Kindberg
Sweden.

[redacted]

Sept 24th

My dear Sir

Your note of 13th inst has just reached me. In answer I may state that there is no dif-ficulty at present in reaching the mouth of the Mackenzie and returning the same summer.

The amount of Natural History information you would gather on such a trip is another question.

The chartering or purchasing a small steamer is out of the question as there are ~~x~~ none but those belonging to the H. B. Company. I believe however that you would find the Company quite willing to give you assistance if you abstained from interfering with their trade.

Should you attempt the trip the best plan is to use the Company's steamers as a base and employ Indian canoes for side trips.

I would advise your writing a letter to Sir Charles Tupper and another to the President of the H. B. Company detailing your views. You will then see what will be said by them and later on I can fill in any information you may want. We have a man within the Arctic circle for two summers he will be here in less than two months.

Very truly yours
John Macoun,
Naturalist

C. H. Clarke Esq.
Cirencester
England

[redacted]

Sep 24th

My dear Sir

Your note of 13th inst has just reached me. In answer I may state that there is no difficulty at present in reaching the mouth of the Mackenzie and ascertaining the same [illegible].

The amount of Natural History information you would gather on such a trip is another question.

The chartering or purchasing a small steamer is out of the question as there are none but those belonging to the H.B. Company. I think however that you would find the Company quite willing to give you assistance if you obtained your outfitting with them here.

Should you attempt the trip the best plan is to use the Company's steamers as a base and employ Indian canoes for side trips.

I would advise your writing a letter to Sir Charles Tupper and another to the President of the H.B. Company explaining your views. You will then see what will be said by them and later on I can fill in any information you may want. We have a man within the Arctic circle for two years. He will be here in less than two months.

C. H. Clarke Esq.
Cincinnati

Very truly yours
John Macoun
Naturalist

Sep. 28th 6

My dear Sir

Your letter came yesterday and today I have hunted up the parcel and send the results of my examination. I have been home a week and am busy putting my correspondence in shape. My notes on the specimens sent are as follows–:

No 1. The right hand specimen is the usual Silene inflata. The one on the left is not S. nivea but more likely a rough form of inflata. I have never seen a hairy form before and would like to obtain a specimen.

No 3 = Is the Potentilla pilosa of my catalogue. It is an introduced plant. I keep the specimen.

No 4 = This is the summer form of R. acris.

No 5 = Brassica sinapistrum. When it grows in poor soil or crowded it takes the unbranched form.

No 6 = Brassica nigra. To satisfy both of us get these species and alba if possible in fruit and you will see how easily they can be determined.

No 7 Teucrium Botrys, Linn. This is new to America as far as I am aware.

No 8 I believe this is a form of Tagetes or French Marigold. I have never seen it before. Have you any ripe heads?.

No 9 all right.

July 25th 6

My dear [illegible]

Your letter came yesterday and today I have handed up the parcel and send the results of my examination. I have been home a week and am busy putting my correspondence in shape. My notes on the specimens are as follows:—

No 1. The right hand specimen is the usual [illegible]. The one on the left is not L. minor but more likely a rough form of [illegible]. I have never seen a hairy form before and would like to obtain a specimen.

No 3 = Is the Potentilla [illegible] of my catalogue. It is an interesting plant. I keep the specimens.

No 4 = This is the narrower form of [illegible].

No 5 = [illegible]. When it grows in [illegible] soil or [illegible] it takes the [illegible] form.

No 6 = [illegible]. To satisfy both of us get these species and others if possible in fruit and you will see how easily they can be determined.

No 7 [illegible]. This is new to America as far as I am aware.

No 8 I believe this is a form of [illegible]. I have never seen it before. Have you any ripe seeds?

No 9 all right.

No 10 The leaf sent is identical with specimens received from Burgess and Millman. The specimen is identical with a specimen collected by myself at Belleville June 8th 1884. After my attention has been called to this by you I am quite sure you are right in separating the two forms. The next step is to find out whether Gray confounded them and made them one. I have just examined Pursh's Flora and find Gray confounded two species or forms.

The tall, early flowering taller plant is S. Marilandica, Pursh and the other S. lanceolata, Pursh. In the first Pursh says the flowers are greenish-brown and in the latter greenish yellow. Gray in his Flora of North America puts them together. He is decidedly w[illegible]

No 11 = Ballota nigra and is new to our Flora as far as I am aware.

No 12 Arabis perfoliata ? = A. laevigata A. Drummondii is not correct but the name has been changed and all the eastern plant named A. confinis by Sereno Watson. If it be not A. hirsuta I will examine. Your plant is A. hirsuta growing smoother than usual.

No. 13 = Euonymus atropurpureus

No 14 = C. acaule. We have the same form from numerous places it certainly deserves a name, although white or creamy varieties are not always permanent.

No 15 L. clavatum is correct. The other is L. dendroideum.

No. 2 Is not S. noctiflora but n[illegible] nocturna [illegible] nocturna [illegible] the flowers a[illegible] one [illegible]

No 10 The leaf sent is identical with
specimens received from [illegible] and
[illegible]. The specimen is identical
with a specimen gathered by myself
at [illegible] June 12. 1896. After my
attention has been called to this by
you I am quite sure you are right
in separating the two forms. The next
step is to find out whether they con-
-founded them and made them one.
I have just examined [illegible] Plan[illegible]
and find they confounded two species
or forms.
The tall, early flowering [illegible] plant
is L. [illegible] and the other
L. [illegible]. In the first [illegible]
[illegible] the flowers are greenish-brown
and in the latter greenish yellow.
[illegible] in the [illegible] [illegible] is [illegible]
[illegible] together. [illegible] is decidedly [illegible]

No 11 = [illegible] and is [illegible] the
same as far as I can learn.
No 12. [illegible] ? = A. [illegible]
A. [illegible] is correct but the
name has been changed and as the
earlier plant named A. [illegible] by
[illegible]. If it be [illegible]
I [illegible]. Your plant is A. [illegible]
flowering [illegible] than usual.
No 13 = [illegible]
No 14 = G. [illegible]. We have the same from
[illegible] place of [illegible]
[illegible] a [illegible], although [illegible]
[illegible] are not always [illegible]
[illegible].
No 15 L. [illegible] is correct. The other
is L. [illegible].
No 2 [illegible]
[illegible]

I wish you would make up a list of all your additions and the stations of the new things as next year I will publish an addendum to the whole Catalogue and will want every thing. Please make out a list of all the plants you think worthy of mention and send me any doubtful things. I will return them. During the winter my son will put up a lot of duplicates for you. I am afraid I will not be able to go to London this year as I start for Northumberland Co. tomorrow (Tuesday). With this I send Part IV which is not distributed yet but I send you one.

My next work will be the Mosses. Then I will write up next winter ([illegible]) I wish you would make a collection of those in your neighborhood. I will name them.

Depending on your list and localities I have kept none of your notes sent with the specimens

Very truly yours
John Macoun

John Dearness Esq
London
Ont.

3

I wish you would make me
a list of all your additions and
the situations of the same things as
[illegible] you I was [illegible] [illegible] at-
-tention to the article Catalogue
and [illegible] most every thing.
They make out a list of all the
places you think worthy of [illegible]
and send me any doubtful things & I
will return them. [illegible] the [illegible]
[illegible] are not [illegible] a [illegible]
for you. I am afraid I was not
able to go to London this year as
I start for Northumberland & Cumberland
(Sunday). With this I send Part IV
which is not distributed yet but I
send you one.

Any such work with the
Museum. When I was with my
[illegible] (189) I wish you
would make a collection of these
in your neighbourhood. I also
[illegible] these.

Depending on your kind
[illegible] I have kept [illegible]
your note and with the [illegible]

Very truly yours
[illegible]

John Evans Esq
London
Cork.

Oct. 2nd. [illegible]

Dear Dr. Hindley

Your card of Sep. 14th reached here today. My letter will have reached you by this time and you will be aware what I have done. I have made the corrections you mentioned.

With this letter I send three (3) parcels making in all five I have sent. This is all the Prince Edward Island mosses I gathered except the Sphagnums which I hold over for the present.

Tomorrow I leave for a three [illegible]

I hope to get many fine things as this has been a very wet Autumn and I believe many fine mosses are fruiting. It is nearly 20 years since I collected in the intended district. Will send you the different new things on my return.

Should I get the names of the mosses in time I will add them to the paper in their proper place.

Hoping you were paid for your trip to Switzerland

I remain

truly yours

John Macoun

Dr. Nils C. Kindberg

Linköping

Sweden

Oct. 2nd 8

Dear Dr. Kindberg

Your card of Sep. 14th reached me today. My letter will have reached you by this time and you will be aware what I have done. I have made the correction you mentioned.

With this letter I send the (3) parcels containing all as per list I have sent. This is all the Vancouver Island mosses I gathered except the Hypnaceae which I hold over for the present. Tomorrow I leave for a three [illegible]

I hope to get many fine things as this has been a very wet Autumn and I believe many fine mosses are fruiting. It is nearly 20 years since I collected in the interior districts. Will send you the different new things as my others. Should I get the names of the genera in time I will add them to the paper in their proper places.

Wishing you every pleasure on your trip to Switzerland

I remain

truly yours

John Macoun

Dr. Nils C. Kindberg

Linköping

Sweden

Oct 24th 8

My dear Professor

I have also been away all summer and arrived here only two days since.

My son is away in the north and may not be here before Christmas. On his return I will send you Epilobiums and any Geraniacea you may desire that we have.

Ask for anything you may want. I send Part 18 which is just out. I have a Bryologica paper now in press in which there are nearly 40 new species described. This winter I will print a valuable paper on our Hepaticas which have just been worked up by Mr. Pearson of Manchester, England.

I am issuing Centuries of Canadian Mosses at $8 per Century. Should there be [illegible] in [illegible] they might be desirous of a set.

Very sincerely yours
John Macoun

P. S. Do not expect any specimens before New Year, except you desire them for examination.
J. M.

Prof. Wm Trelease
St. Louis
Mo.

Oct 24th

My dear Professor

I have also been away all summer and arrived here only two days since.

My son is away in the north and may not be here before Christmas. On his return I will send you [illegible], and any [illegible] you may desire that we have.

Ask for anything you may want. I send Part IV which is just out. I have a Bryological paper now in press in which there are nearly 40 new species etc.

cited. This winter I will print a valuable paper on our Hepaticae which have just been worked up by Mr. Pearson of Manchester, England.

I am issuing [illegible] of Canadian Mosses at $3 per Century. Should the [illegible] they might be desirous of a set.

Very sincerely yours
John Macoun

P.S. Do not expect any specimens before New Year, except you desire them for examination. J. M.

Prof. Wm Trelease
St. Louis
Mo.

Oct. 26th

Dear Mr. Ridley.

Enclosed please find a dun from the Treasurer of the Linnean Society.

You remember the mosses I sent to the Museum two years since. You wrote me that Mr. Carruthers had paid for them by giving his cheque for the amount of £ 3 to the Linnean Society.

Last year I paid the subscription myself. About the beginning of last [illegible]

I am quite willing [illegible]

[illegible] my [illegible] but want to [illegible]

[illegible] serious matter slip.

All I wish [illegible] is [illegible] that Mr. Carruthers [illegible]. If he did you might show him my letter if he has not paid it, do not but drop me a line and I will send it and then we will let the business rest as I do not wish to trouble Mr. Carruthers. I only wanted [illegible] my [illegible].

[illegible] Ridley [illegible] [illegible]

Oct. 24th

Dear Mr. Ridley.

Enclosed please find a draw[illegible] from the Treasurer of the [illegible] Society.

You remember the money I sent to the Museum two years since. You wrote me that Mr. Castle had paid for them by giving his cheque for the amount of [illegible] to the [illegible] Society.

About [illegible] I found the [illegible] [illegible]. [illegible]

[illegible]

I am quite [illegible]

[illegible]

[illegible] matter also.

All I wish [illegible]

[illegible]

[illegible]. If he did you might show him my letter of the [illegible] not paid it [illegible] a [illegible] and I will [illegible] it and there [illegible] the [illegible]

[illegible]

Oct 26th 8

Dear Mr. Pearson

Your letter and specimens were both here when I returned from the west on Saturday last.

Please accept my most hearty thanks for your great trouble in working up the mass of materials sent to you. I must say that besides doing me a great favour you have conferred a great boon on Canada as we had no one in this country that could have done the work.

Dr. Selwyn desires me to say that although he has no objection to having a plant named after him he always prefers to see organisms named after some peculiarity. He leaves the matter with yourself.

As soon as the manuscript is in my hands it will go to the printers and will be published early in spring. You will send the drawings along at the same time and all will be done together.

Dr. Selwyn desires me to ask you how many copies you may want as we will have them struck off in addition to our own. I have noted all the points mentioned in your letter and will do as you say about localities and other points.

Oct 24th 8

Dear Mr Pearson

Your letter and specimens were both here when I returned from the west on Saturday last.

Please accept my most hearty thanks for your great trouble in working up the mass of material sent to you. I must say that besides doing me a great favor you have conferred a great boon on Canadians as we have no-one in this country that could have done the work.

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As soon as the manuscript is in my hands it will go to the printer and will be published early in spring. You will send the drawings along at the same time and all will be done together.

Dr. Selwyn desires me to ask you how many copies you may want as we will have them struck off in addition to our own. I have noted all the points mentioned in your letter and will do as you say about localities and other points.

With this I send all my Prince Edward Island gatherings. I hope you may be able to examine them in time to in-clude them in the paper in their proper places.

Until you notify me otherwise I will keep sending you all cities or new forms I may detect as I desire very much to send all in this order to you.

Besides what I send now I will come across others that may repay examination.

[illegible]

[illegible] John Macoun

[illegible]

Manchester

England.

2

With this I send all my
Prince Edward Island gatherings.
I hope you may be able to
examine them in time to in-
-clude them in the paper in their
proper place.

Until you notify me otherwise
I will keep sending you all entire
or new forms I may detect
as I desire very much to send
all in this order to you.

Besides what I send now I
will come across others that may
repay examination.

[illegible]
[illegible] Macoun
Manchester
England

Oct. 23rd

My dear Sir

Your letter of Sept. 6th came in due time but owing to my absence from Ottawa was not attended to.

Spotton's Botany with my Catalogue of Canadian Plants is all you need. Fletcher will advise as regards Entomology. I send as a present my Catalogue. Spotton's book costs one dollar.

The Crossbills are the Red-winged or American Crossbill. I am afraid the other bird was destroyed as the wing was certainly burned by my daughter as it dropped on the floor when my son opened the parcel. It is possible he may have some of it yet but he is absent today. If there is any of it left I will write you tomorrow:

(1) The fern is Pteris aquilina (Brake or Bracken)

(2) The composite is Helianthus strumosus (a species of Sunflower)

(3) This is a Saxifrage — S. Virginiensis

Parcel No 2 Oct. 2nd

(1) The short hairy fern in blotting paper is Woodsia Ilvensis.

(2) The taller one in blotting paper is the Fragrant Fern (Aspidium fragrans) This is a rare and local fern but is abundant around Lake Superior and some of the Laurentian districts

Oct. 2nd

My dear Sir

Your letter of Sept. 6th came in due time but owing to my absence from Ottawa was not attended to.

[illegible] with my Catalogue of Canadian Plants is all you need. [illegible] will advise as regards Entomology. I send a present my Catalogue. [illegible] both with the letter.

The [illegible] are the Red-winged or Carolinian [illegible]. I am against the other bird was destroyed as the wing was entirely broken by my daughter as it happened on the floor where my son found the same. It is possible he may have some of it yet but he is ab-sent today. If there is any of it left I will write you tomorrow:

(1) The fern is Pteris aquilina (Brake or Bracken)

(2) The composite is Helianthus [illegible]. (a species of Sunflower)

(3) This is a Lycopus — L. Virginicus

Parcel No. 2 Oct. 2nd

(4) The short hairy fern in [illegible] paper is Woodsia Ilvensis.

(5) The taller one in [illegible] paper is the Fragrant Fern (Aspidium fragrans). This is a rare and local fern but is abundant around Lake Superior and some of the Laurentian [illegible]

The fern in the bag is Asplenium Trichomanes a lovely little fern and widely distributed. You see you are right about the A. Trichomanes As I remarked there are two specimens in the blotting paper. I return them.

The creeper is Epigaea repens or the Novascotian Mayflower. We make pilgrimages to Chelsea in spring to collect its ~~sweet~~ sweet-scented flowers.

I will always be happy to assist you in any way with botany or ornithology.

The Catalogue covers everything except the ferns.

Very truly yours
John Macoun

Rev. C. Young
Renfrew P.O.
Ont.

The fern in the bag is Asplenium Trichomanes a lovely little fern and widely distributed. You see you are right about the A. Trichomanes as I marked them on two specimens in the blotting paper. I return them.

The other is Epigaea repens or the Novascotian Mayflower. We make pilgrimages to Chelsea in spring to collect its most sweet-scented flowers.

I will always be happy to assist you in any way with botany or ornithology. The Catalogue covers every thing except the ferns.

Very truly yours
John Macoun

Rev. C. Young
[illegible] P.O.
Ont.

Oct 26th

My dear Sir

Your note and insects arrived in due time. As I do nothing in insects I have turned them over to Mr James Fletcher who is Dominion Entomologist and asked him to communicate with you.

Any plants birds or mammals you can secure will be gladly received.

Very truly yours
John Macoun

A. L. Poudrier Esq.
Donald, B. C.

Oct 21st

My dear Sir

Your note and circular
received in due time. As I do
nothing in insects I have handed
them over to Mr James Fletcher
who is Dominion Entomologist
and asked him to communicate
with you.

Any plant lice or man-
uals you can name will be gladly
received.

Very truly yours
John Macoun

A. L. [illegible] Esq.
Vernon B. C.

Oct. 27th 8

My dear Sir

I hope you will excuse me when I tell you that the specimens were examined the same day they came and were turned over to James to forward. He put them to one side and they were covered up with other matters.

I compared the specimens with others named by Vasey and believe them all to be correctly named.

There is one you marked Porter which I did not touch as it was an introduced form.

The two forms of A. glaucum are only two extremes of a series only Dr. Vasey & Scribner can tell what are A. tenerum, which the B. C. specimen approaches and what is glaucum.

I have both forms from Hudson Bay & the Pacific.

Very truly yours
John Macoun.

Thomas Burgess M.D.
Insane Asylum
Hamilton
Ont.

Oct. 27th

My dear Sir

I hope you will excuse me when I tell you that the specimens were remaining the same day they came and were turned over to James to forward. He put them to one side and they were covered up with other crates(?).

I compared the specimens with those named by Vasey and believe them to be correctly named. There is one you marked Stipa(?) which I did not touch as it was an interesting form.

The two species of A. glaucum are only two extremes of a series(?) only Dr. Vasey & Scribner can tell what are A. tenerum which the B. C. specimens represent and what is glaucum.

I have both from Port-au-(?) Hudson Bay & the Pacific.

Very truly yours
John Macoun.

Thomas Burgess M.D.
Insane Asylum
Hamilton
Ont.

Oct. 27th 8

My dear Sir

Your note of 15th inst. has been here for some days but I have been absent from the city and could not attend to it.

I have no doubt but your collection is well prepared and of considerable value from a local stand point but would be of no use to us as we have specimens of nearly all our plants from all the Provinces.

Up to the present we have purchased no collections and from all I can learn we do not intend to do so.

I can therefore hold out no hope of our Survey being a purchaser.

Very truly yours
John Macoun
Naturalist

Prof. L. M. Préville
Bourget College
Rigaud
Que.

Oct. 27th 8

My dear Sir

Your note of 15th inst. has been here for some days but I have been absent from the city and could not attend to it. I have no doubt but your collection is well prepared and of considerable value from a local standpoint but would be of no use to us as we have specimens of nearly all our plants from all the provinces. Up to the present we have purchased no collection and from all I can learn we do not intend to do so. I can therefore hold out no hope of our buying a purchase

Very truly yours
John Macoun
Naturalist

Prof. L. A. Boiville
Bourget College
Rigaud
Que.

Oct. 27th

My dear Sir,

Your note of Oct. 8th was here on my return from the west. In reference to the bird I may say that we do not want it here but you might write to Major Tilton, Deputy Minister of ~~Marine and~~ Fisheries, Ottawa and describe it fully. Write also to Dr. Hart Merriam, Ornithologist, Washington, D.C. U.S.A. and see what these men say. If you have no success write again and I may think of some other. Do not lose the skin as it is valuable.

Wellie is now six feet high and is big and strong. I am well and as usual busy.

There is some talk of the Labrador expedition next year. Let me hear from you after January first as I may be able to tell you something definite.

Very truly yours
John Macoun

William J. Arch
Gaspe Basin

Oct. 27th

My dear Sir:

Your note of Oct. 9th has been very welcome from the north. In reference to the last I may say that we do not want it here but you might write to Major Sibley, [illegible] Minnesota [illegible] [illegible], and [illegible] at Judge Waite [illegible] to Dr. Hunt Missionary [illegible] -logist Washington D. C. U.S. and ask what these mean [illegible]. If you [illegible]

up again and I may think of some other. Do not lose the [illegible] as it is valuable. White is now six feet high and is big and strong for [illegible] and [illegible]. There is some talk of the [illegible] expedition next year. Let me hear from you after January first as I may be able to tell you something definite.

Very truly yours

[illegible]

William J. [illegible]

[illegible]

Oct. 28th 8

My dear Sir.

I was on Prince Edward Island all summer and after my return went west for a month and just got back a day or two ago.

I have no doubt your notes about the birds will be valuable in more ways than one, as I noted the birds here last spring your list will be useful to compare with mine. When I reach the list I will write again and tell you what I think of it.

Please send on the plants when you choose and as many as you care to send. I will return them all if you desire me to do so. You always collected very interesting things so I expect to find some amongst the lot you contemplate sending. Send me a specimen of P. Calcarea for the herbarium. I incline to make it a var. of P. Oxyoptus.

Very truly yours
John Macoun

Mr John Brittain
Petitcodiac
New Brunswick

P.S. I send Part IV which is just out. J. M.

Oct: 28th

My dear Sir.

I was on Prince Edward Island all summer and after my return went off for a month and just got back a day or two ago.

I have no doubt your notes about the birds will be valuable in more ways than one, as I notice the birds here last spring your list will be useful to compare with mine. When I reach the list I will write again and tell you what I think of it.

Please send me the plants when you choose and as many as you care to send. I will return them all if you desire me to do so. You always write the very interesting things as I expect to find some amongst the lot you thoughtfully sending. Send me a specimen of P. Calamo[?] for the herbarium. I wished to make it a no. of P. Purpurea[?].

Very truly yours
John Macoun

Mr John Brittain
Petitcodiac
New Brunswick

P.S. I send Part IV which is just out.
J. M.

Oct. 29th

Dear Mr. McKay

On my return from Prince Edward Island I went out for a month and so your letter has remained unanswered for a long time. I was unable to go home by Pictou so missed the pleasure of seeing you.

The Triticum is very like T. Polonicum a wheat which is cropping up in out of the way places. I have seen it from New Zealand and it is the Wild Goose wheat of our North West. I give no decided opinion as I am unable to do so but merely mention T. Polonicum as the probable variety. I have sent the sample to Prof. Saunders at the Experimental Farm where it will be grown next year.

I collected nearly 1100 species on the island so you see I did well.

Very truly yours
John Macoun

Alex. McKay B.A.
Pictou
Nova Scotia.

Oct. 29th

Dear Mr. McKay

On my return from Prince Edward Island I went out for a month and so your letter has remained unanswered for a long time. I was unable to go home by Pictou or would have had the pleasure of seeing you.

The Vaccinium is very like V. Pennsylvanicum a robust variety which is cropping up in one of the very places. I have seen it from Newfoundland and it is the White Cove variety of our North West. I give no decided opinion as I am unable to do so but merely mention V. Pennsylvanicum as the probable variety. I have sent the sample to Prof. Saunders at the Experimental Farm where it will be grown next year.

I collected nearly 1100 species on the island so you see I did well.

Very truly yours
John Macoun

Alex. McKay B.A.
Pictou
Nova Scotia.

Oct. 29th 8

Dear Prof. Saunders

Enclosed please find a speci-
men of wheat sent to me by
Wm. McKay of Pictou N. Scotia.
He writes as follows regarding
it. "It is reported to have been
found growing in Gaspereaux
Lake in northern Nova Scotia,
and from thence sown and
raised by way of trial on a
farm"

I have told him it looks
like a form of T. Polonicum
and that I have sent it
to you.

Very truly yours
John Macoun

Prof. W. Saunders
Director
Experimental Farm
Ottawa

Oct. 25th

Dear Prof. Saunders

Enclosed please find a speci-
men of what was sent to me by
Mr. McKay of Pictou N. Scotia.
He writes as follows regarding
it: "It is reported to have been
found growing in Cape breton
Lake in northern Nova Scotia,
and from there were sent
raised by me I think as a
form." I have told him it looks
like a form of P. Natans
and that I have sent it
to you.

Very truly yours
John Macoun

Prof. W. Saunders
Director
Experimental Farm
Ottawa

Oct. 29th 8

My dear Sir

Your testimonial to Mr. Cross has been received and placed on file. There is no vacancy here now and may not be but Dr. Selwyn has recorded the application and should there be a change Mr. Cross will have my warm support for the situation if we find he is as you say a first class man in every respect.

Since you heard from me my position has materially changed and I am now Naturalist to the Dept of Interior.

I am thinking over a scheme for the elaboration of the Natural History of the North west including Manitoba and would like any suggestions you might be so good as to make regarding the matter. I am now thinking chiefly about the birds.

Very sincerely yours
John Macoun

Ernest E. Thompson Esq.
American Museum
New York City

Oct. 23rd

My dear Sir

Your testimonial to Mr. Green has been received and placed on file. There is no vacancy here now and may not be but Dr. Selwyn has recorded the application and should there be a change Mr. Green will have my recommendation for the situation if we find he is as you say a first class man in every respect.

Since you heard from me my position has materially changed and I am now Naturalist to the Dept. of Interior.

I am thinking over a scheme for the elaboration of the Natural History of the North west including Manitoba and would like any suggestions you might be so good as to make regarding the matter. I am now thinking chiefly about the birds.

Very truly yours
John Macoun

Ernest E. Thompson Esq.
American Museum
New York City

Oct. 28th

My dear Sir

I am in receipt of your testimonial in favor of Mr. Cross and have placed it on file. Mr. Selwyn has entered the application in his books and when there is a vacancy Mr. Cross will be in the field. There is none now and may not be for some time but when there is I will remember Mr. Cross.

I am glad to learn that he has an amiable disposition as I detest men who are of a crawling disposition.

You may mention to Mr. Cross that I have had numerous letters from esteemed friends in his favor and that if a change takes place he will have my support.

Very truly yours

John Macoun

Naturalist

James H. Pearce M.A.

Canadian Institute

Toronto

Oct. 25th

My dear Sir,

I am in receipt of your testimonial in favor of Mr. [illegible] and have placed it on file. Mr. [illegible] has entered the application in this book and when there is a vacancy Mr. [illegible] must be in the field. There is none now and may not be for some time but when there is I will remember Mr. [illegible].

I am glad to learn that he has an amiable disposition as I think there is one of the [illegible] requisites for any member of the Survey Staff. I have had numerous letters from interested friends in his favor and if a change takes place he will have my support.

Yours truly,

John Macoun

Naturalist

James H. [illegible] M.D.

Canadian Institute

Toronto

Oct 29th

My dear Mr. Fletcher

I have compared all the grasses with my specimens and have named yours in accordance with mine.

The Deschampsia is not flexuosa but caespitosa which you very likely meant. You likewise took the Glyceria for a Distichlis by a slip.

Deyeuxia Langsdorffii and Bromus Pumpellianus are new species. You will see the range in Part IV.

I am busy with my correspondence and getting the Hepaticae in order. Pearson has completed the examination and as soon as the manuscript reaches me I will send it to the printer.

I am going to publish an addendum this winter with the Hepaticae but will only add additional species or make changes in nomenclature. All additions are now in order.

I have sent the pamphlet to Burgess.

Very truly yours
John Macoun

Oct 25th

My dear Mr. [illegible]

I have compared all the Grimmias with my specimens and have named yours in accordance with mine.

The [illegible] is not [illegible] but [illegible] which you very likely meant. Your [illegible] took the [illegible] for a [illegible] by a slip.

[illegible] [illegible] and [illegible] [illegible] are new species. You will see the change in Part VI.

I am busy with my correspondence and getting the Hepaticae in order. Pearson has completed the examination and as soon as the manuscript reaches me I will send it to the printer.

I am going to publish an addendum this winter with the Hepaticae but will only add additional species or make changes in nomenclature. All additions are now in order.

I have sent the pamphlet to Europe.

Yours truly
John Macoun

Oct. 27th 8

My dear Sir

I forward by this mail the four parts of the Catalogue already published. The ferns mosses and Liverworts will constitute part five. You will now see why I am getting the mosses in order. Mr. Pearson of Manchester England has just completed the Hepaticae and other [illegible] [illegible] sends to me afterwards I [illegible]

[illegible]

thinks we will have a good paper.

Very truly yours
John Macoun

R. M. Boodle M.A.
Montreal.

Oct. 27th

My dear Sir

I forward by this mail the four parts of the Catalogue already published. The four mosses and lichens will constitute part five. You will now see why I am getting the mosses in order. Mr. Pearson of Manchester England has just completed the Hepaticae and [illegible] Dr. [illegible] [illegible] recommended to me [illegible] [illegible] thinks we will have a good paper.

Very truly yours
John Macoun.

C. M. Beadle M.A.
Montreal.

Oct. 29th

My dear Mr. Spotton

Your note came in due time and forwarded a copy of Part IV to your address but the specimen did not reach here until this morning.

It is in a very bad state of preservation and I can make nothing of it.

This much I can say however that it is neither English nor American. I would like very much to get a flower and leaf pressed and dried before sending so that I might examine them carefully. The whole specimen sent was pretty rotten and all crumpled.

I will be very glad to see the proofs of the new Edition and will make any suggestions that may strike me. You are acting, in my opinion wisely in bringing your book in line with my Catalogue as I mean to keep it up to the standard and to the times.

Very truly yours
John Macoun

H. B. Spotton M.A.
Barrie
Ont.

Oct. 29th

My dear Mr. [illegible]

Your note came in due time and forwarded a copy of Part IV to your address but the specimens did not reach here until this morning.

It is in a very bad state of preservation and I can make nothing of it.

This much I can say however that it is neither English nor American. I would like very much to get a flower and leaf from one and [illegible] before deciding on what it might [illegible] there [illegible]. The whole specimens [illegible] are all complete.

I will be very glad to see the proofs of the new edition and will make any suggestions that may strike me. You are acting in my opinion wisely in bringing your book in line with my Catalogue as I mean to [illegible] it up [illegible] and to the [illegible]

[illegible] M.A. Very truly yours

[illegible] John Macoun

Ont.

Oct. 29th

My dear Sir

I only answer your letter of Oct 8th at this time as your other communications are still among the mass of accumulated correspondence of the summer. I have now named all the plants sent in the last batch and return them with this.

I would like to obtain a couple of specimens of No 64 as it is a form of aster that is rare. I prefer having you send the same thing twice than having any mistake about it. Send all your choice. I will return them.

Should you submit your article on [illegible] to me I will examine it at once and return it, with notes that you can use if necessary. I have no objection to aid afterwards if perhaps if you outline what you think ought to be said.

Queries

(1) I have not seen the Flore Miquelonienne. R. acris var. multifidus may or may not mean what you say

(2) I [illegible] in including R. [illegible] in the list

(3) Epilobium spicatum = E. angustifolium

(4) Anagallis tenella } These are doubt-

(5) Chenopodium opulifolium } less French plants or mistakes

(6) Polygonum amphibium var. natans is my aquaticum

(7) I can't make out. Your writing is very obscure

6 Platanthera = Habenaria fimbriata

Oct. 29th

My dear Sir

I only answer your letter of Oct 9th at this time as your other communications are still among the mass of accumulated correspondence of the summer. I have never received as the plants sent in the last letter and return them with this.

I would like to obtain a scrap of specimen of No. 64 as it is a form of Aster that is rare. I prefer knowing you send the same thing twice than having any mistake about it. but as you observe I will return them. Thanks for [illegible] your [illegible]

[illegible] Senecio to me I will examine it at once and return it with note that you can see of [illegible] I have no objection to make afterwards & perhaps if you [illegible] you [illegible] ought to be said.

Senecio

(1) I have not seen the [illegible] [illegible] R. [illegible] var. [illegible] may [illegible] not [illegible] what you say

(2) We are wrong in including R. [illegible] in the list

(3) Sphaeralcea spicata = S. angustifolia

(4) [illegible] lutea

(5) [illegible] } These are doubtful as French plants in British

(6) Polygonum amphibium var. [illegible] in my [illegible]

(7) I can't make out. Your writing is very strange

8 [illegible] = [illegible]

2

9 Juncus tenuis is likely one of our species.

10 Bromus mollis is introduced B. Canadensis I know nothing of

11 Myriophyllum alterniflorum is very possibly correct.

12 Can't read your writing

13 Heleocharis = Eleocharis palustris

14 Carex [illegible] shows that they are wrong in other species

15 Ranunculus reptans var filiformis is our var. reptans

16 Ribes rotundifolium is a southern species R. oxyacanthoides takes its place at the north.

17 I have marked a specimen [illegible] [illegible] which I think is correct.

18 Please write more distinct when you are stating anything of importance.

3

I will get the little book at once and let you know what I think of it.

You have Actaea rubra among the plants sent.

Berberis vulgaris is not native anywhere in Canada

You are improving wonderfully in your botany. I will write you about your marriage and other things when I reach your letters.

Very truly yours
John Macoun

Rev. A. Waghorne
New Harbor
Newfoundland.

I will get the little book at once and let you know what I think of it.

You have certain notes among the [illegible]:

[illegible] is not [illegible] in Canada.

You are improving wonderfully in your writing. I will write you about your meanings and other things when I reach your letter.

Very truly yours
John [illegible]

Rev. A. [illegible]
[illegible]
Newfoundland.

9 [illegible] is likely [illegible].
10 [illegible] is [illegible]. [illegible] nothing of
11 [illegible] is very [illegible].
12 Can't read your writing
13 [illegible] = [illegible]
14 [illegible] shows that they are wrong in other places
15 [illegible] is [illegible]
16 [illegible] is a [illegible] at the north.
17 I have marked a phrase [illegible] which I think is correct.
18 [illegible] you are [illegible] anything of [illegible].

List of Plants named for Rev. A. Waghorne
New Harbour, Newfoundland Oct. 22/88

1 Comandra livida,
2 Rubus villosus,
3 Viburnum pauciflorum,
4 Alnus viridis,
5 Viburnum nudum,
6 Cornus stolonifera
7 = 3
8 Lycopodium lucidulum
9 Prunus Virginiana
10 Nemopanthes Canadensis
11 Vaccinium uliginosum
12 Eriophorum polystachyon
13 Galium triflorum ? (Poor)
14 Epilobium coloratum
15 " palustre var. lineare
16 Carex flexilis, Rudge
17 Eleocharis palustris
18 Eriophorum Virginicum (Too young)
19 Aralia nudicaulis
20 Campanula rotundifolia, Linn.
21 Sonchus oleraceus (Too young)
22 Aster Radula
23 " umbellatus
24 Cakile Americana
25 Cystopteris fragilis
26 Maianthemum Canadense
27 Potentilla Norvegica
28 = 20
29 Lonicera [illegible]
30 Habenaria [illegible]

List of Plant-names for Rev. A. Waghorne
Bear Harbour, Newfoundland Oct. 29/83

1 Comandra livida,
2 Rubus arcticus,
3 Viburnum pauciflorum,
4 Alnus viridis,
5 Viburnum nudum
6 Cornus stolonifera
7 " " 3
8 Lycopodium lucidulum
9 Prunus Virginiana
10 Nemopanthes Canadensis
11 Vaccinium uliginosum
12 Eriophorum polystachyon
13 Salix tristis ? (Gray)
14 Sphagnum acutifolium
15 " fuscum var. [illegible]
16 Carex flavida, Bailey
17 Scheuchzeria palustris
18 Eriophorum Virginicum (Not Gray)
19 Oxalis Acetosella
20 Campanula rotundifolia, var.
21 Lonicera caerulea (Not Gray)
22 Aster Radula
23 " umbellatus
24 Solidago Canadensis
25 [illegible] [illegible]
26 [illegible] [illegible]
27 [illegible] [illegible]
28 [illegible]

31 = 22 32 Rosa nitida
33 Nuphar advena, Ait.
34 Rosa Carolina (?) (Gro-Pom)
35 " blanda, Ait.
36 Myrica cerifera
37 Corylus rostrata
38 = 25 39 Pyrus arbutifolia Var.
40 Spergularia Media
41 Ribes oxyacanthoides
42 Alnus incana
43 Elymus mollis
44 Vaccinium macrocarpon
45 Sambucus pubens
46 Elymus Virginicus (Gro-Pom)
47 Myrica Gale.
48 Aster puniceus
49 Carex Oederi
50 Lonicera caerulea
51 Hypericum ellipticum
52 Smirnium Canadense
53 Cnicus arvensis
54 Utricularia intermedia
55 Sparganium hyperboreum (Vy uns. tub no specimens)
56 Potamogeton rufescens
57 Veronica Buxbaumii
58 Solidago sempervirens
59 = 20 60 Solidago Canadensis
61 = 20 62 " humilis
62 " uliginosa ? (Gro-Pom)
63 " cnaso... (illegible)
64 Cicuta ... I have ... specimens ...

2

31 = 22 32 Rosa nitida
33 [illegible], Ait.
34 Rosa Carolina (?) (Br-Pen)
35 " blanda, Ait.
36 Myrica cerifera
37 Corylus rostrata
38 = 25 39 [illegible]
40 [illegible]
41 [illegible]
42 Alnus incana
43 [illegible]
44 Vaccinium macrocarpon
45 [illegible]
46 [illegible] (Br-Pen)
47 Myrica [illegible]
48 [illegible]
49 [illegible]
50 [illegible]
51 [illegible]
52 [illegible]
53 [illegible]
54 [illegible]
55 [illegible] ([illegible])
56 [illegible]
57 [illegible]
58 [illegible]
59 = 20 60 [illegible]
61 = 26 62 " [illegible]
[illegible] (Br-Pen)

65 = 23 66 Solidago virgaurea

67 = 63 68 = 63 69 Aster nemoralis

70 = 62 but too few. 71 = 23 72 = 69 73 = 62

74 Aster paniculatus

75 Solidago multiradiata 76 = 63

77 Aster salicifolius 78 = 23 79 = 62 80 = 22

81 = 23 82 = 22 83 = 63 84 = 22 85 = 66

86 Aspidium spinulosum var. dilatatum

87 = 25, 88 Aspidium spinulosum var. intermedium

89 Phegopteris polypodioides 90 = 88

91 Aspidium Thelypteris 92 = 91

93 Carex echinata var.

94 Juncus effusus 95 Juncus bufonius

96 Deschampsia caespitosa

97 Deyeuxia ——— ? I will see you this later.

98 = 94 99 Deyeuxia Langsdorffii 100 = 99

101 = 99 102 Lathyrus palustris

103 Lactuca Canadensis? (Too Poor)

104 Vaccinium Canadense

105 Atriplex patula 106 Calopogon pulchellus

107 Anthoxanthum hirtum 108 Ranunculus Cymbalaria

109 Polygonum viviparum

110 Pyrola secunda 111 Pleurogyne rotata

112 Ranunculus acris 113 " " var.

114 = 9 116 = 3 115 27 117 Sedum Rhodiola

118 Cornus Suecica, 119 = 32,

120 Microstylis ophioglossoides, 121 Oxalis Acetosella?

122 Viola canina var. sylvestris 123 = 107

124 Rumex crispus, 125 = 54

126 Habenaria [illegible]; 127 Rubus Canadensis,

[illegible] possibly var. humifusa; 9 the Coltsfoot

65 = 23 66 [illegible]
67 = 63 68 = 63 69 [illegible]
70 = 62 [illegible] 71 = 23 72 = 69 73 = 62
74 [illegible]
75 [illegible] 76 = 63
77 [illegible] 78 = 23 79 = 62 80 = 22
81 = 23 82 = 22 83 = 63 84 = 22 85 = 66
86 [illegible]
87 = 25, 88 [illegible]
89 [illegible] 90 = 88
91 [illegible] 92 = 91
93 [illegible]
94 [illegible] 95 [illegible]
96 [illegible]
97 [illegible] —— ? [illegible]
98 = 94 99 [illegible] 100 = 99
101 = 99 102 [illegible]
103 [illegible] ([illegible])
104 Vaccinium Canadense
105 [illegible] 106 [illegible]
107 [illegible] 108 [illegible]
109 [illegible]
110 [illegible] 111 [illegible]
112 Ranunculus acris 113 " [illegible]
114 = 9 116 = 3 115 = 27 117 [illegible]
118 [illegible] 119 = 82,
120 [illegible], 121 [illegible] ?
122 [illegible] 123 = 107
124 [illegible], 125 = 54

128 = 2 129 Streptopus amplexifolius
130 Kalmia glauca, 131 Kalmia angustifolia
132 Achillea millefolium, 133 Betula papyrifera ?
134 Heracleum lanatum, 135 = 6
136 Viola cucullata, 137 Pinus Americana
138 Iris versicolor ? (Pod-pone) 139 = 62
140 Ranunculus repens 141+147 Actaea rubra a alba
142 Thalictrum Cornuti 143 Acer spicatum
144 = 5, 145 = 5 146 Brunella vulgaris
146 Doubtful, 148 doubtful
147 Onoclea sensibilis, 149 Sonchus asper
150 = 143, 151 Osmunda cinnamomea
152 = 88, 153 Prenanthes serpentaria
154 Ranunculus abortivus 155 = 45
156 Lactuca leucophaea, 157 Spiranthes Romanzoviana
158 Gaylussacia resinosa 159 Stellaria longipes
160 Erysimum cheiranthoides, 161 Potentilla fruticosa
162 Arctostaphylos uva-ursi, 163 Lycopodium complanatum
164 Scutellaria galericulata, 165 Agrostis laxa
166 Scirpus Caespitosus, 167 Carex vitilis
168 Carex vulgaris, Carex folliculata 169 = 15
Penny, Indian, Hudson Labrador.
170 Senecio palustris. Get me a specimen
171 Oxytropis campestris var. caerulea
172 Rubus arcticus var. grandiflorus
173 Pinguicula vulgaris
174 Pogonia ophioglossoides
175 Habenaria psycodes, 176 Carex [illegible] incerta
177 = 50, 178 Ga-pn., 179 Gaultheria procumbens
180 = 154, 181 Prunus Pennsylvanica

128 = 2, 129 [illegible]

130 [illegible], 131 [illegible]

132 [illegible], 133 [illegible]

134 [illegible], 135 = 6

136 [illegible], 137 [illegible]

138 [illegible] (?) 139 = 82

140 [illegible] 141+143 [illegible]

142 [illegible] 143 [illegible]

144 = 5, 148 = 5 145 [illegible]

146 [illegible], 148 [illegible]

147 [illegible], 149 [illegible]

150 = 143, 151 [illegible]

152 = 88, 153 [illegible]

154 [illegible] 155 = 45

156 [illegible], 157 [illegible]

158 [illegible] 159 [illegible]

160 [illegible], 161 [illegible]

162 [illegible], 163 [illegible]

164 [illegible], 165 [illegible]

166 [illegible], 167 [illegible]

168 [illegible] 169 = 16

170 [illegible]

171 [illegible]

172 [illegible]

173 [illegible]

174 [illegible]

175 [illegible], 176 [illegible]

177 = 50, 178 [illegible], 179 [illegible]

180 = 134, 181 [illegible]